

(1/41)

FIG. 1

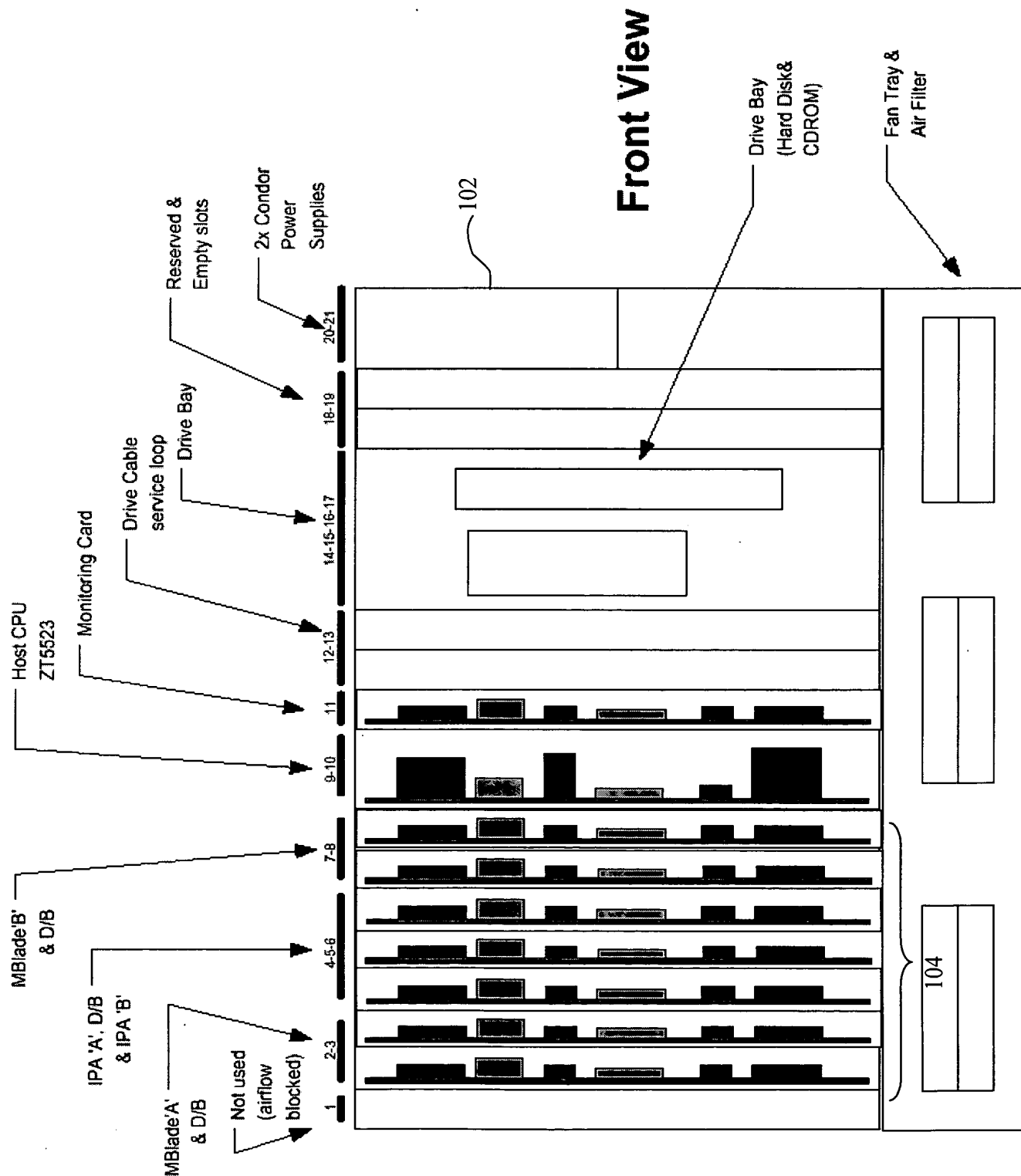
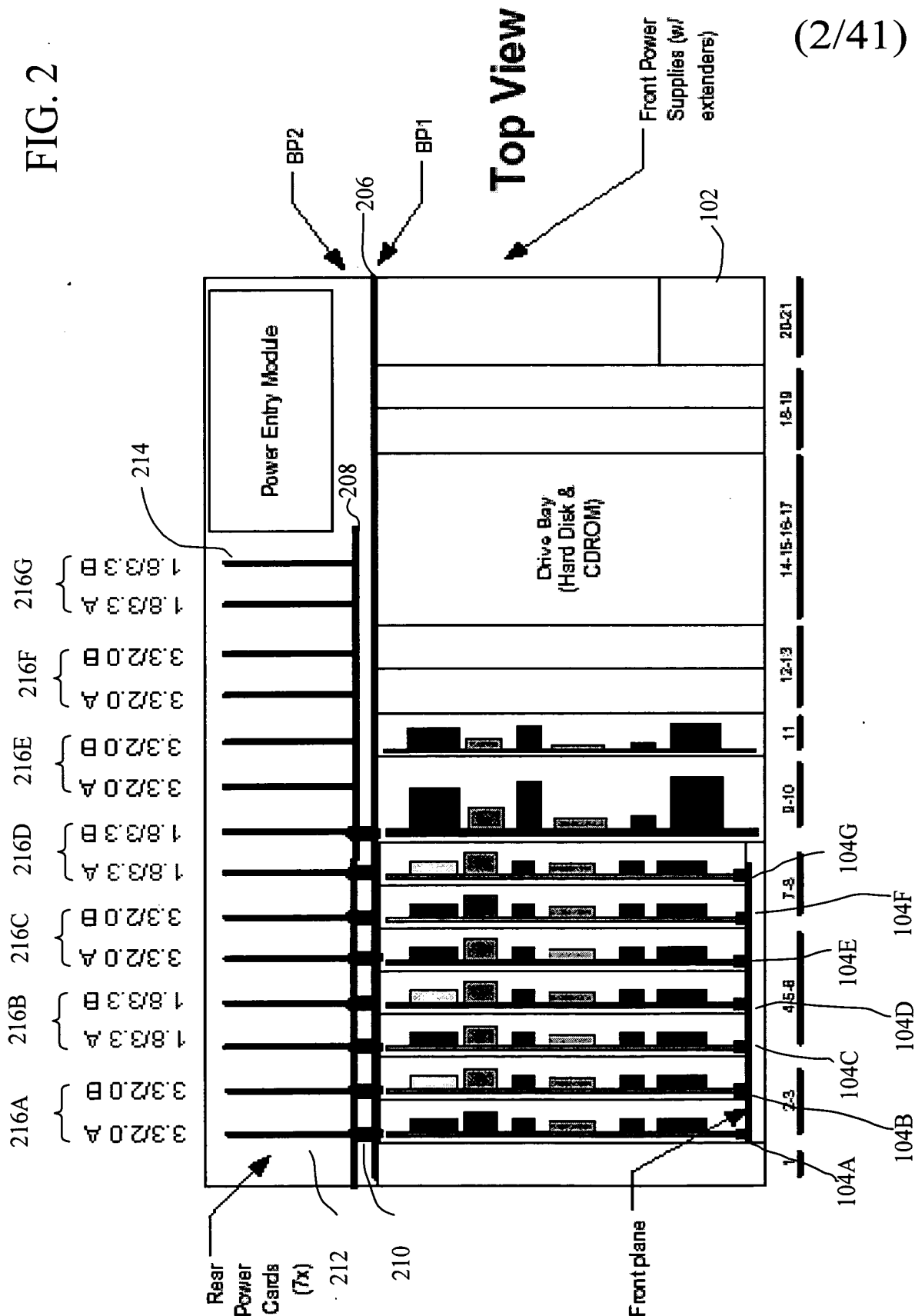


FIG. 2

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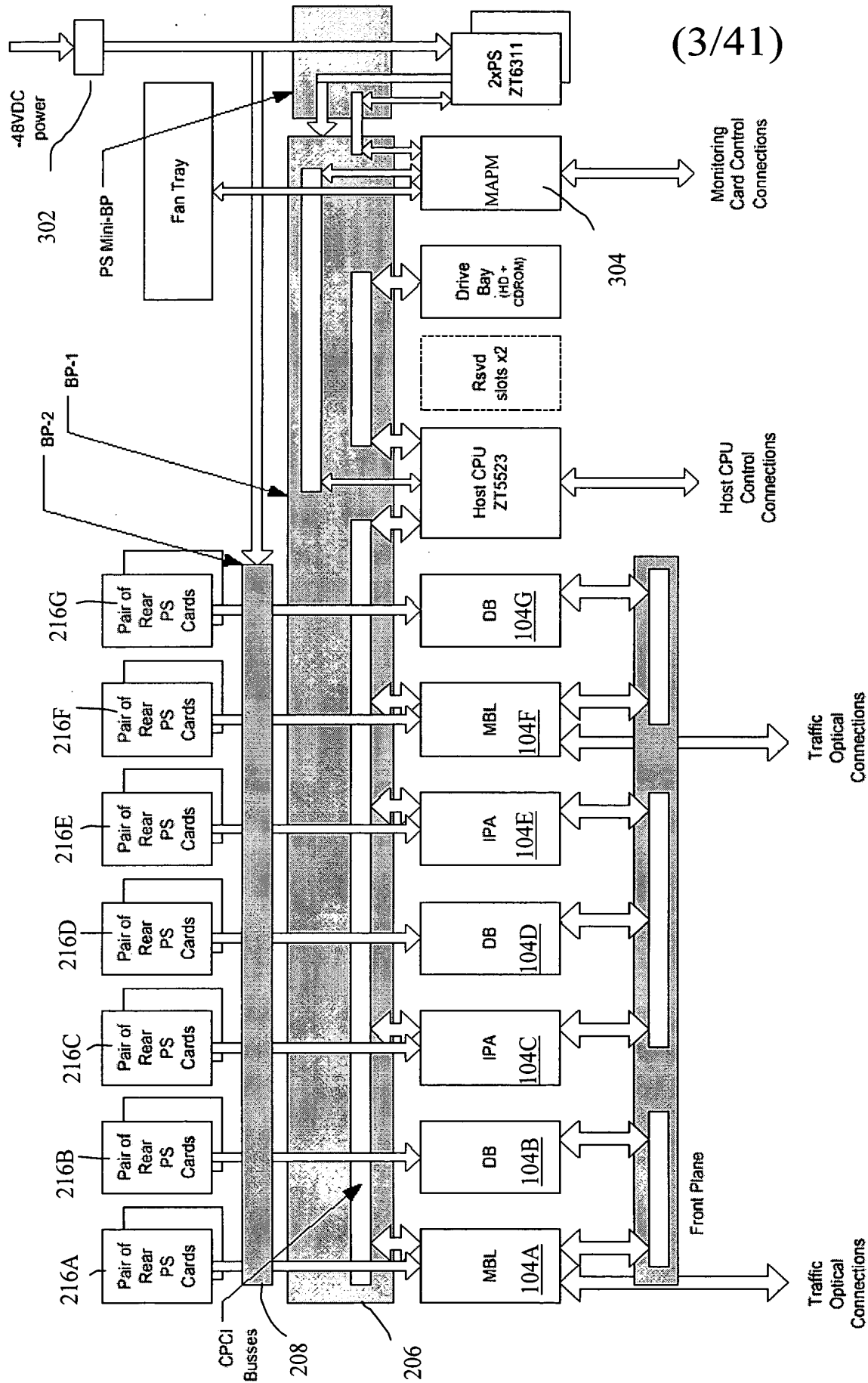
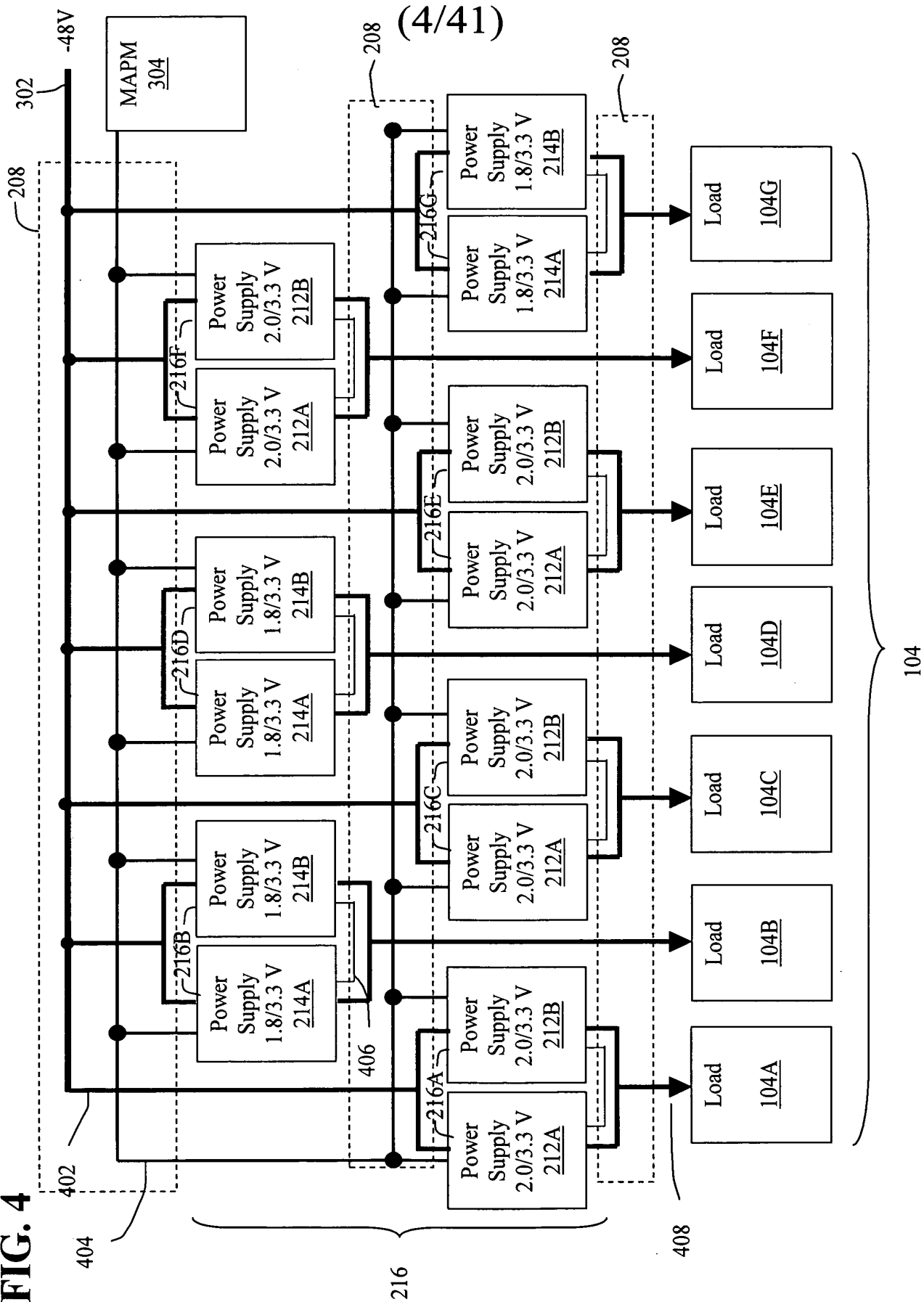


FIG. 3

FIG. 3

FIG. 4



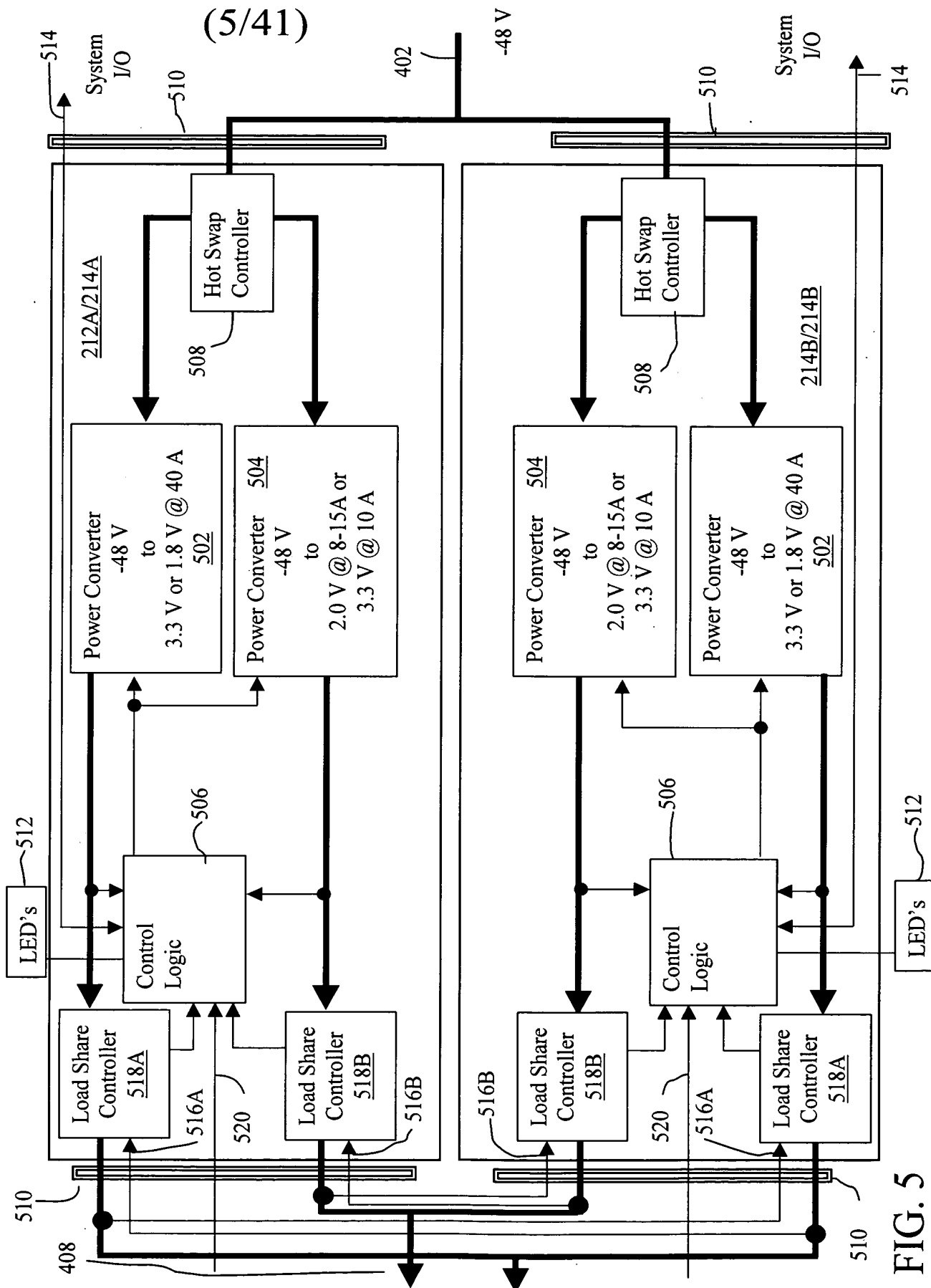
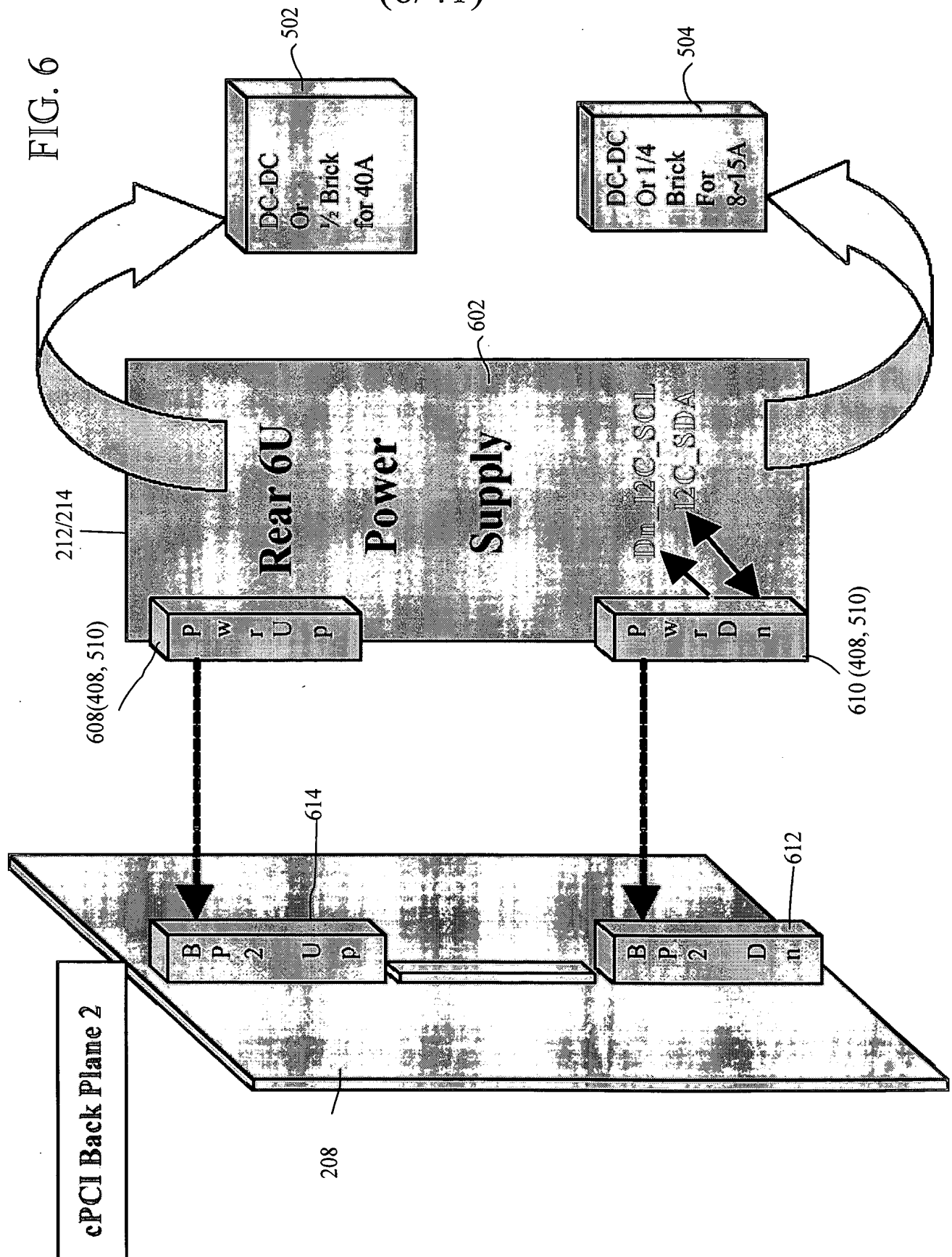


FIG. 5

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FIG. 6



Attorney Docket No.: 10736/15

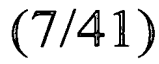


FIG. 7B

[illegible]

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FIG. 8

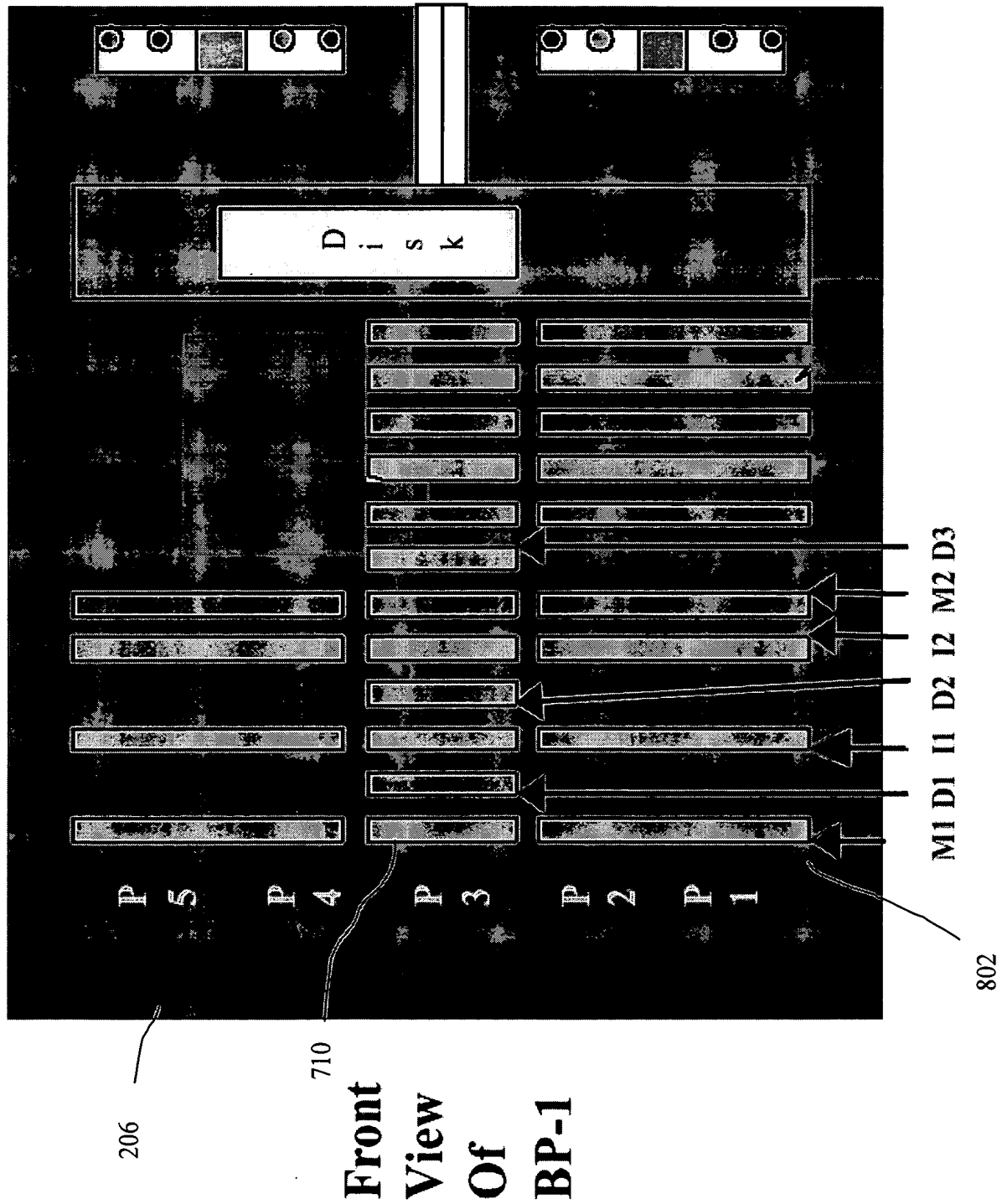


FIG. 9

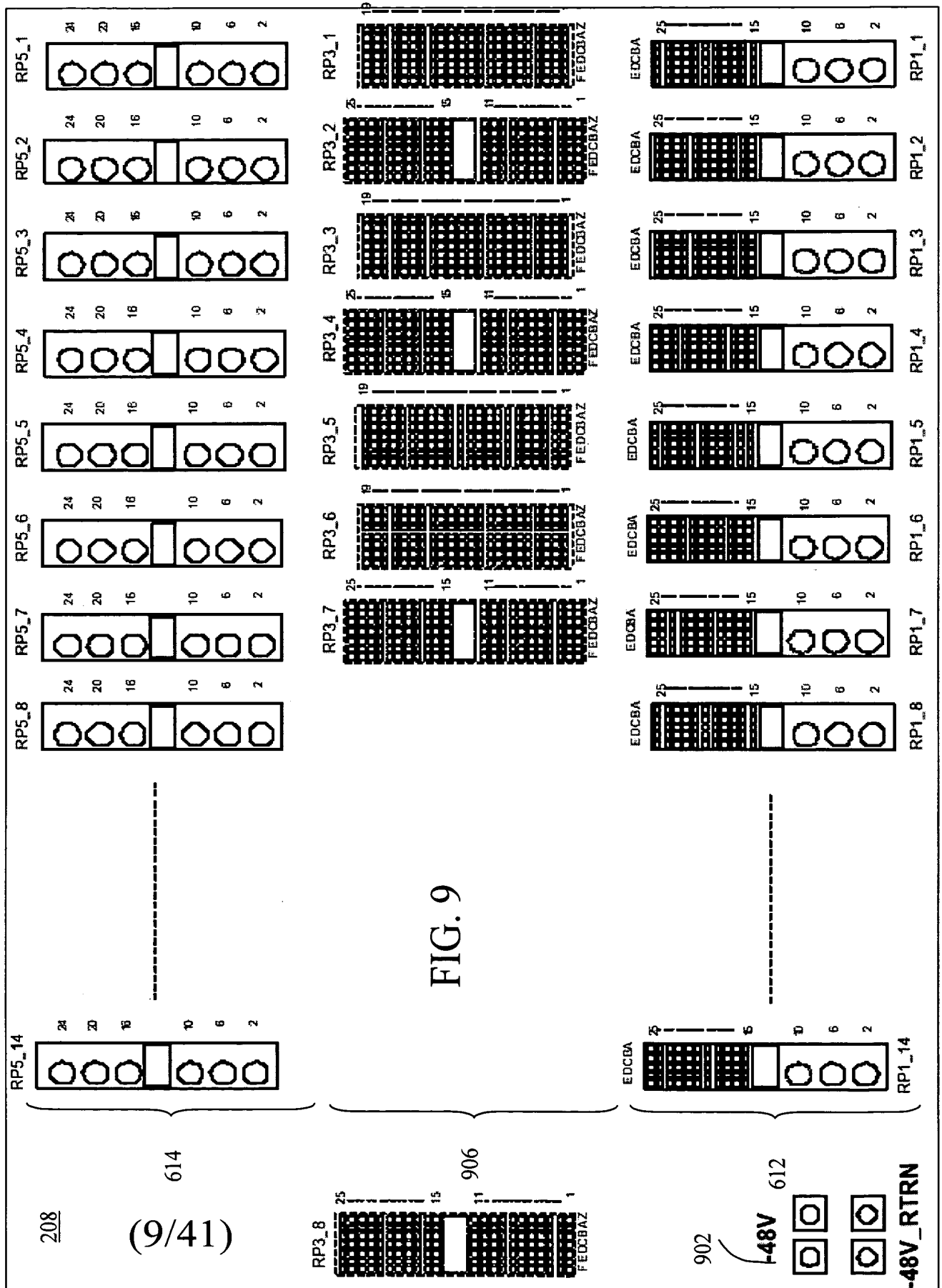
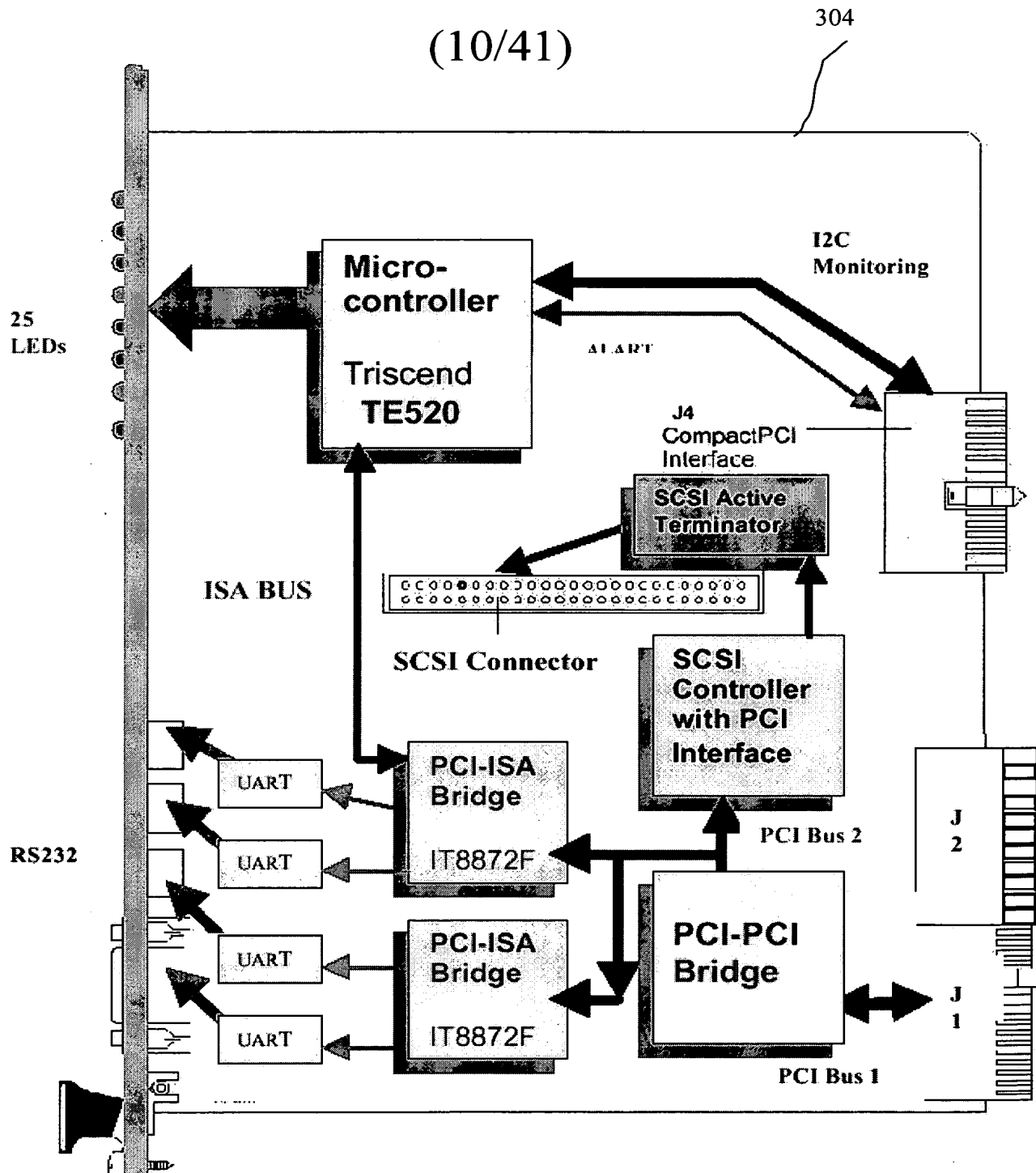


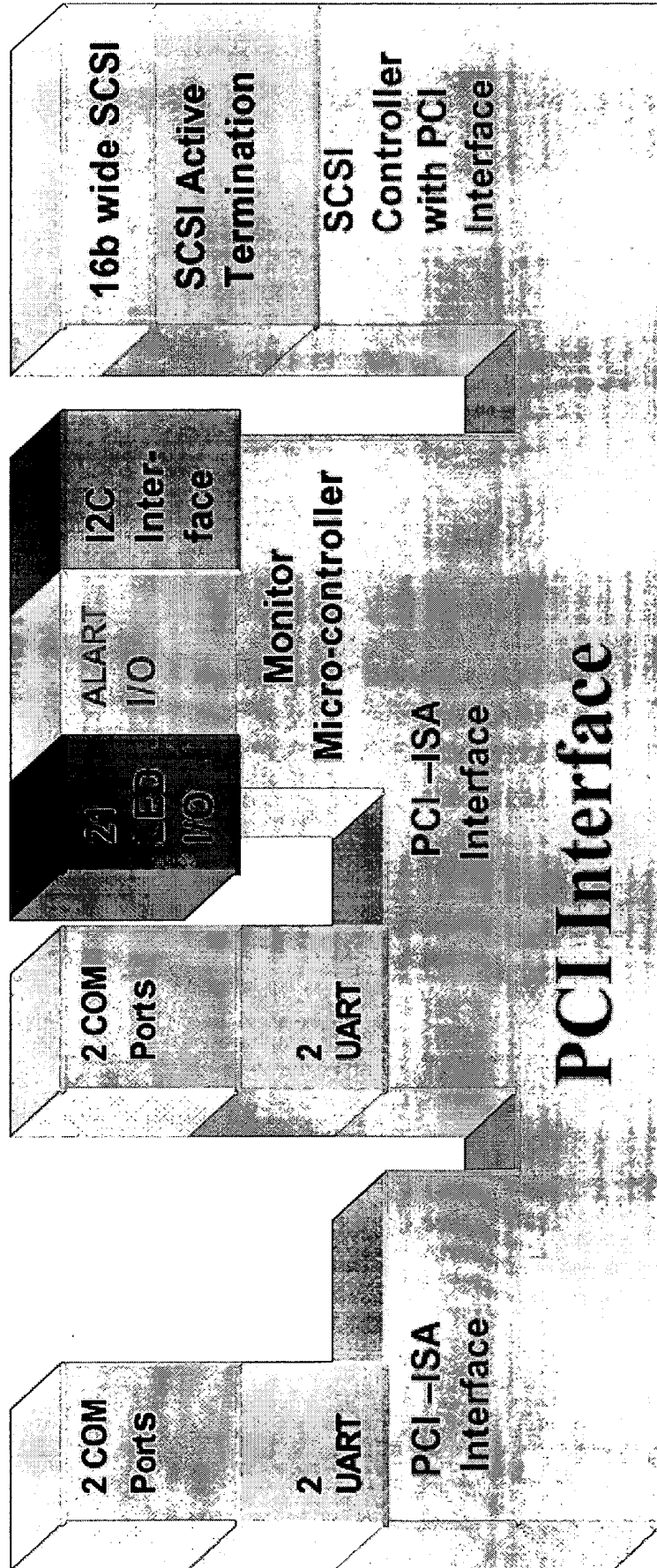
FIG. 10

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FIG. 11

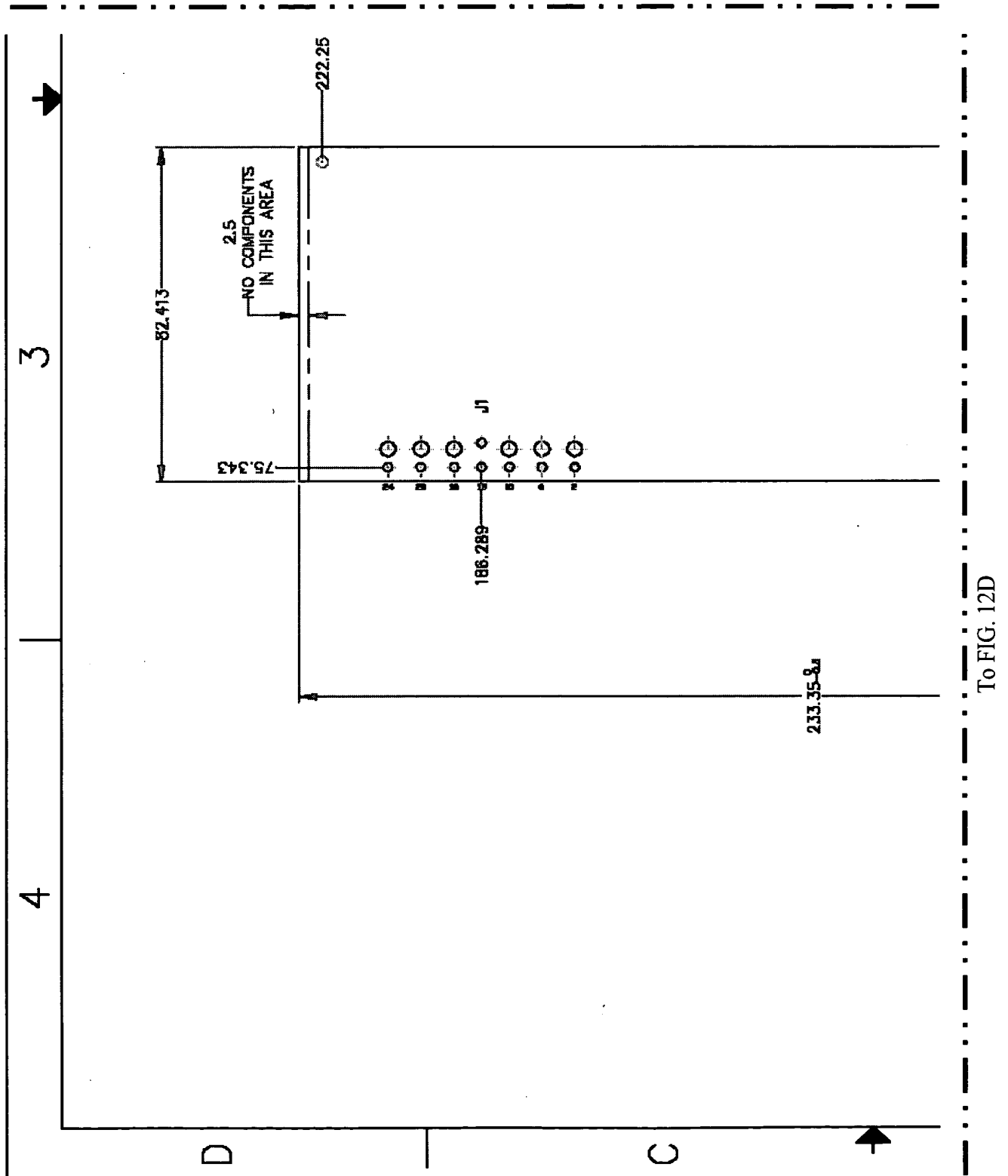


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(12/41)

FIG. 12A

To FIG. 12B



To FIG. 12D

FIG. 12A

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FIG.
12B

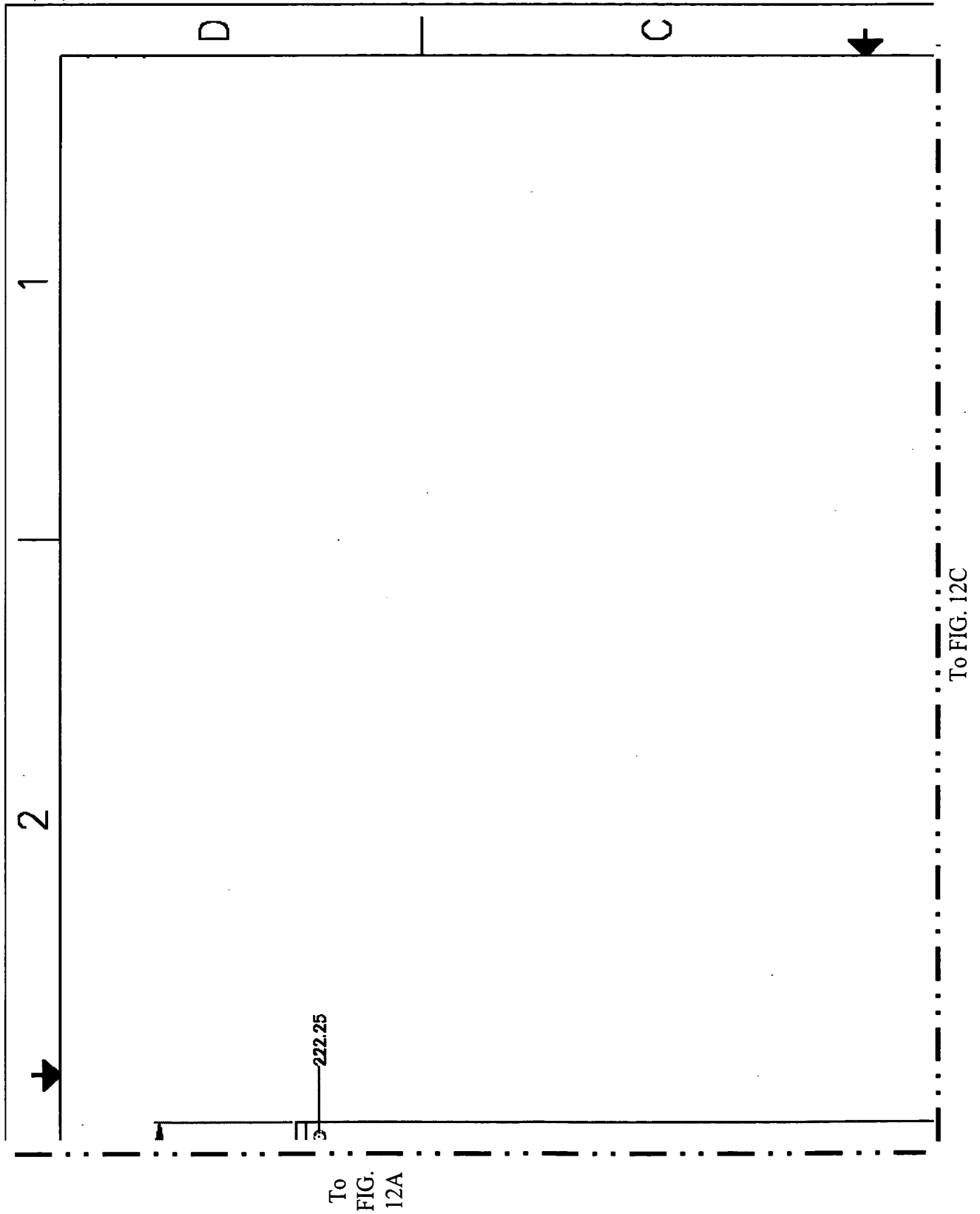
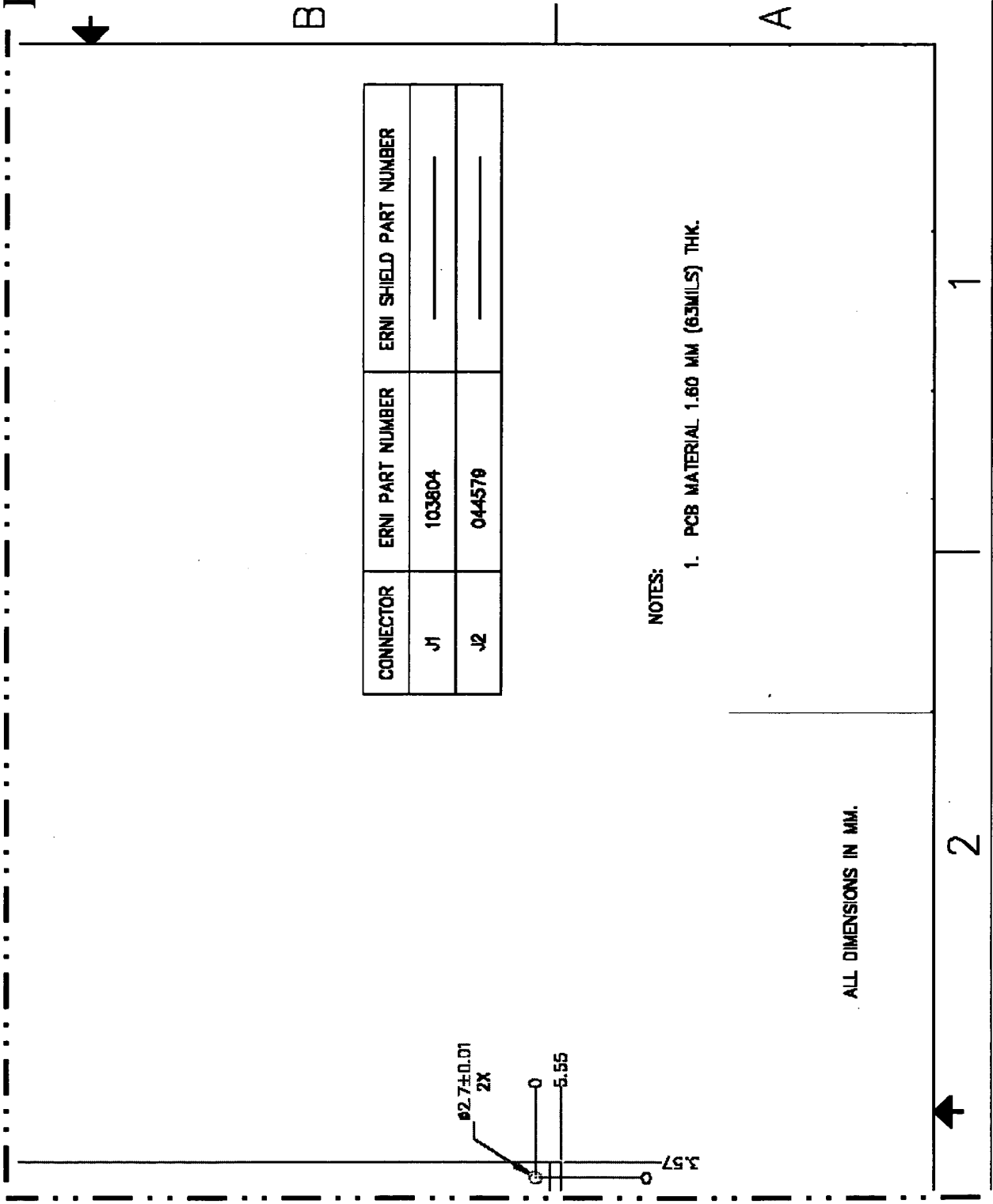


FIG. 12C

To FIG. 12B

FIG. 12C



CONNECTOR	ERNI PART NUMBER	ERNI SHIELD PART NUMBER
J1	103804	
J2	044579	

NOTES:

1. PCB MATERIAL 1.60 MM (63MILS) THK.

ALL DIMENSIONS IN MM.

To
FIG.
12D

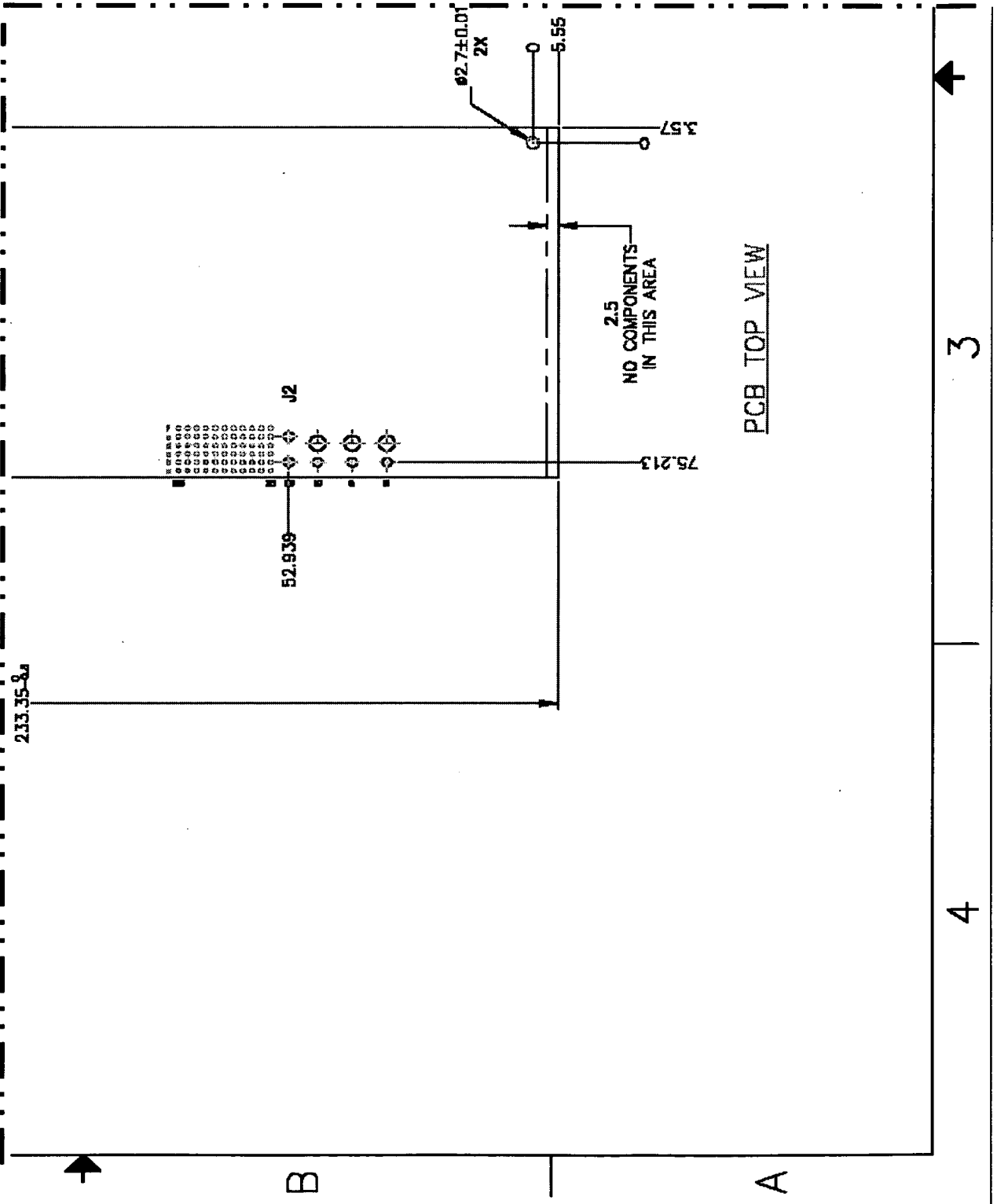
3.57

5.55

22.7±0.01
2X

FIG. 12D

To FIG. 12A

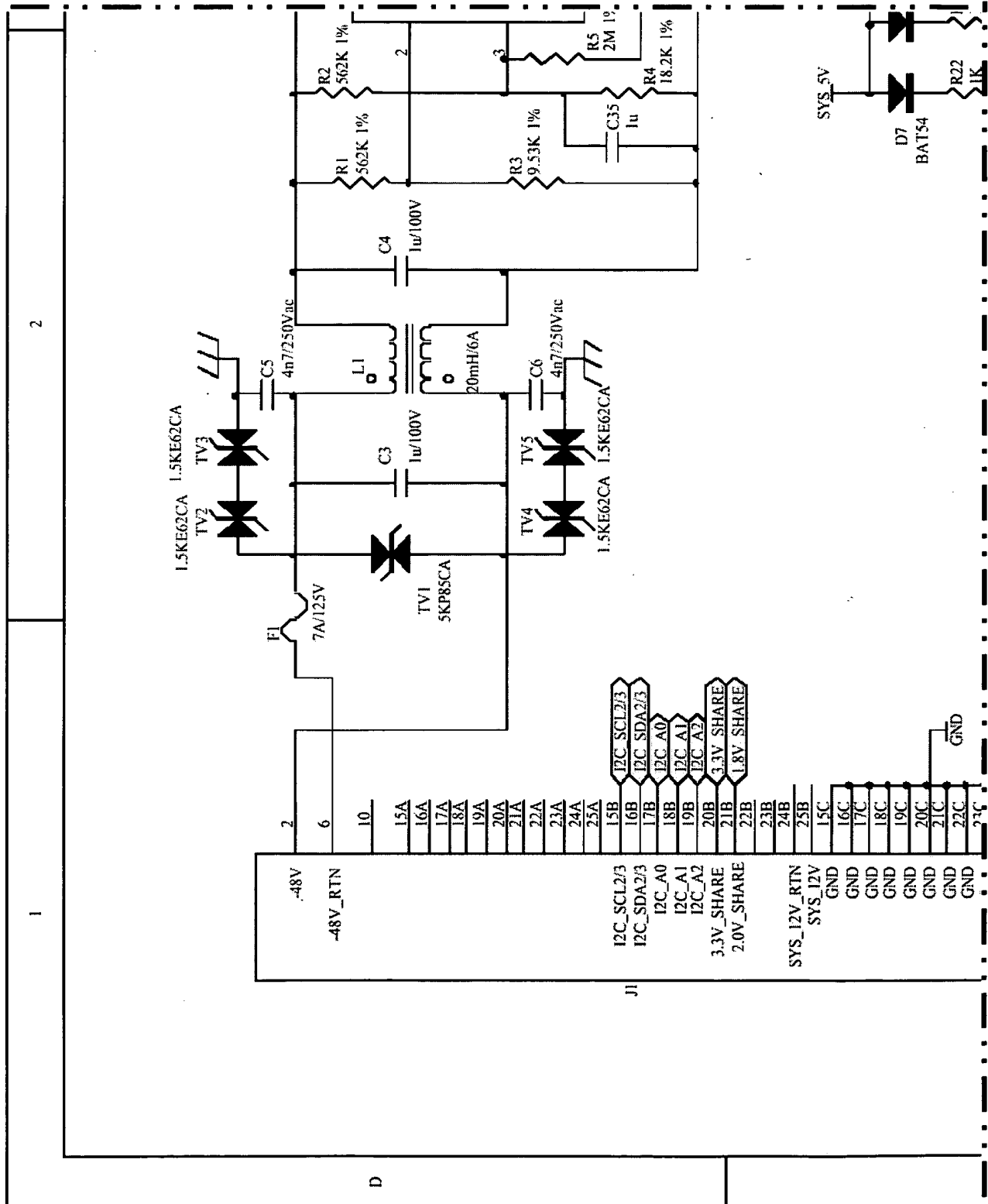


To FIG. 12C

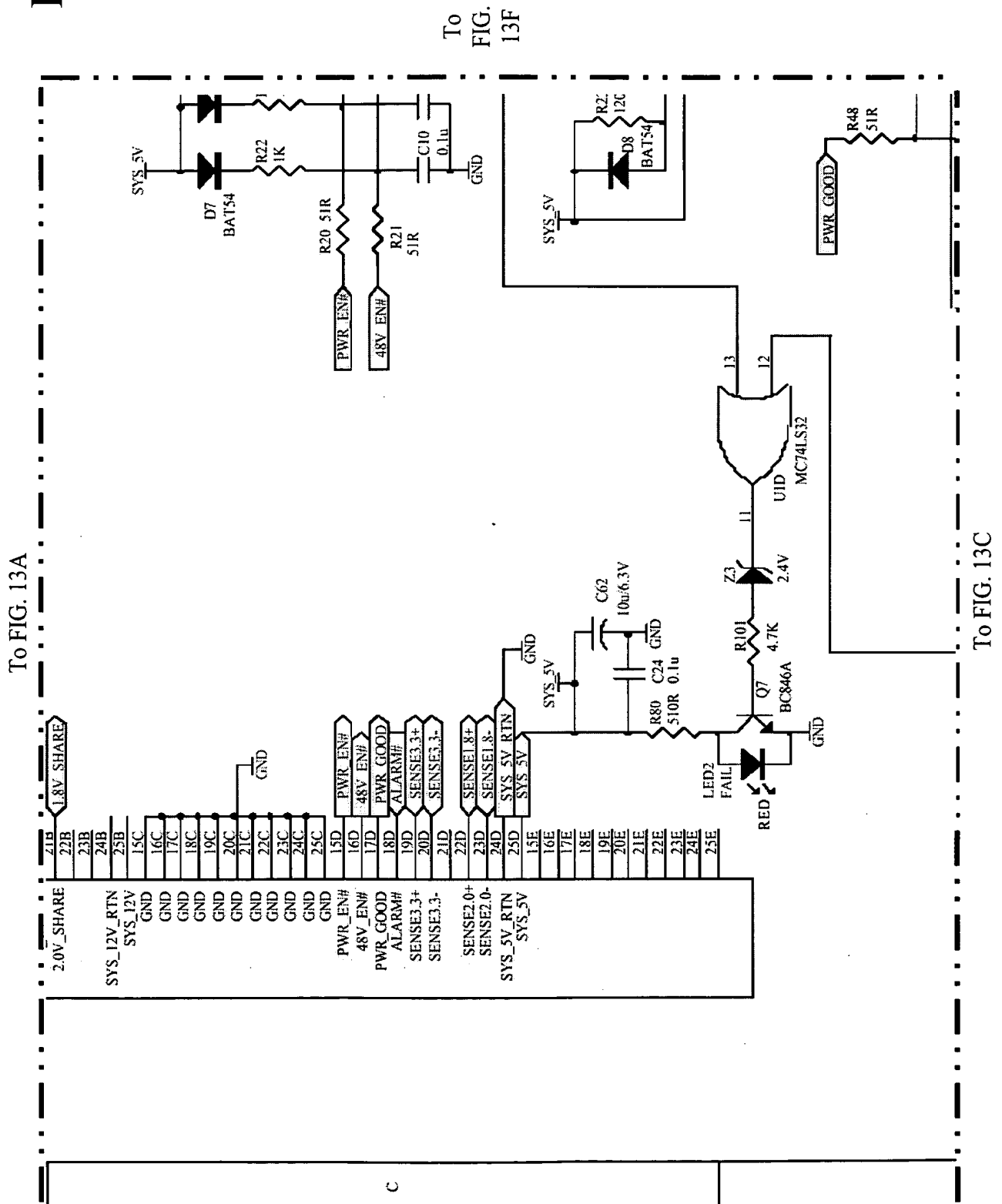
(15/41)

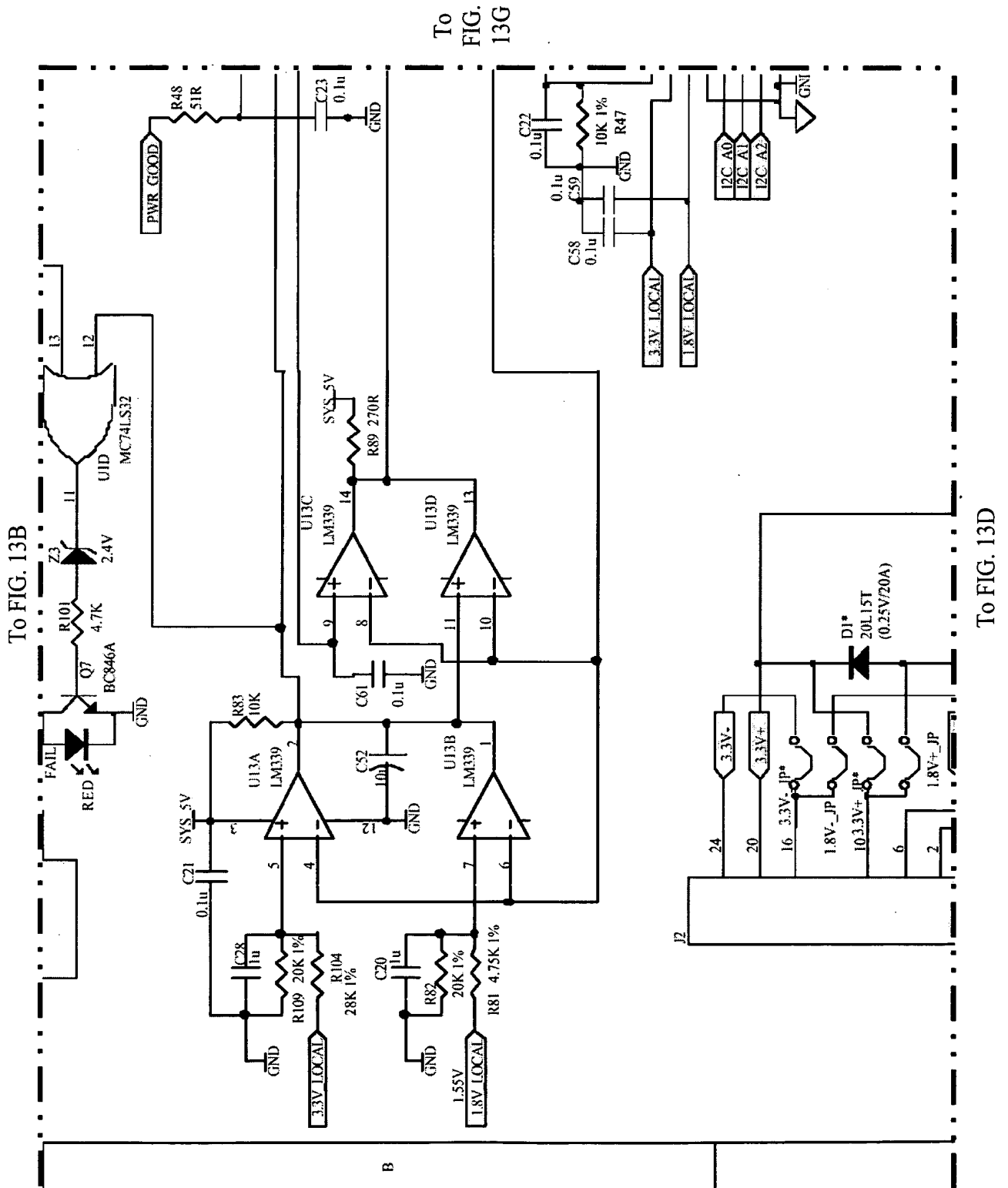
(16/41)

FIG. 13A



To FIG. 13B





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To
 FIG. 13H

FIG. 13D

To FIG. 13C

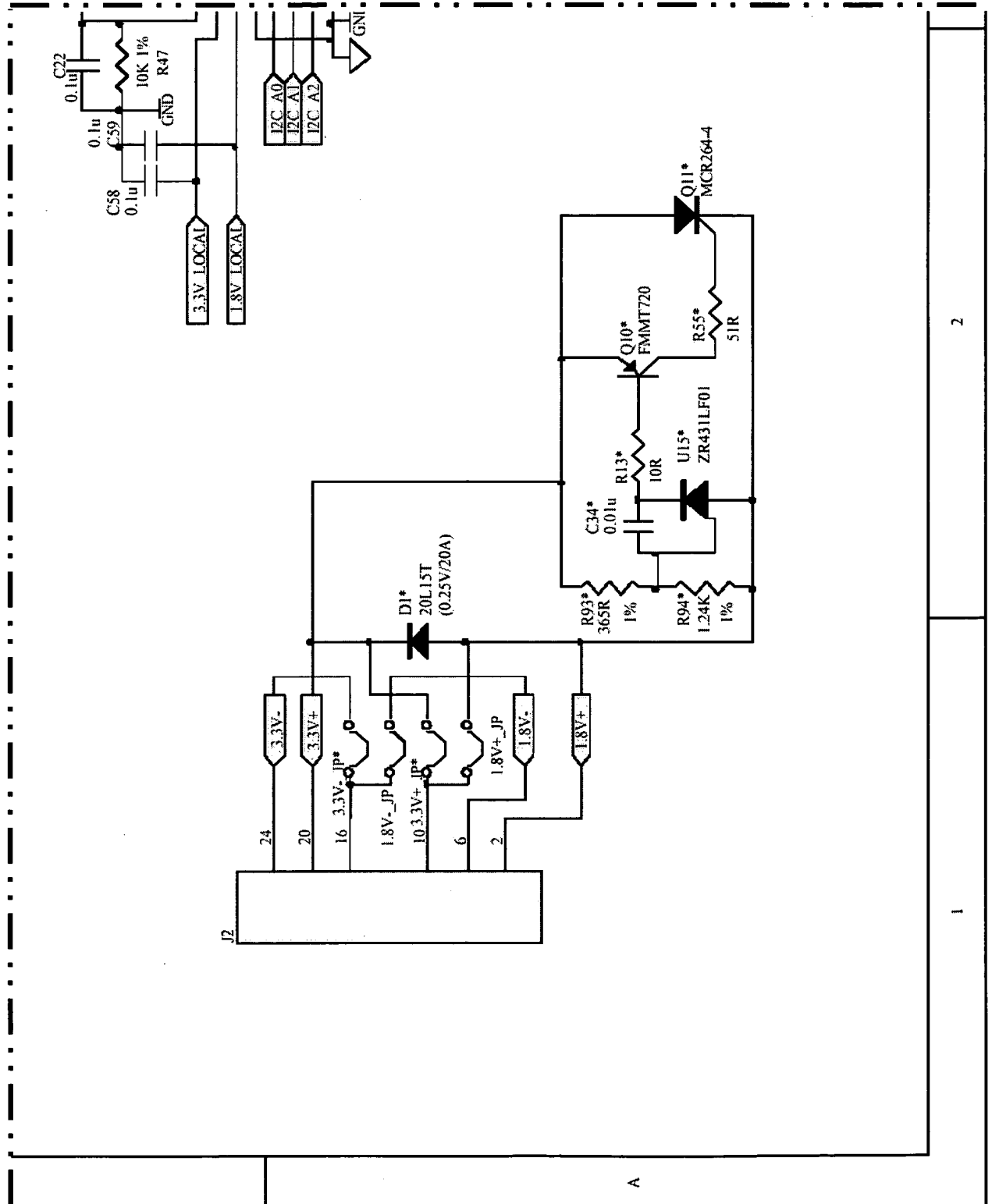
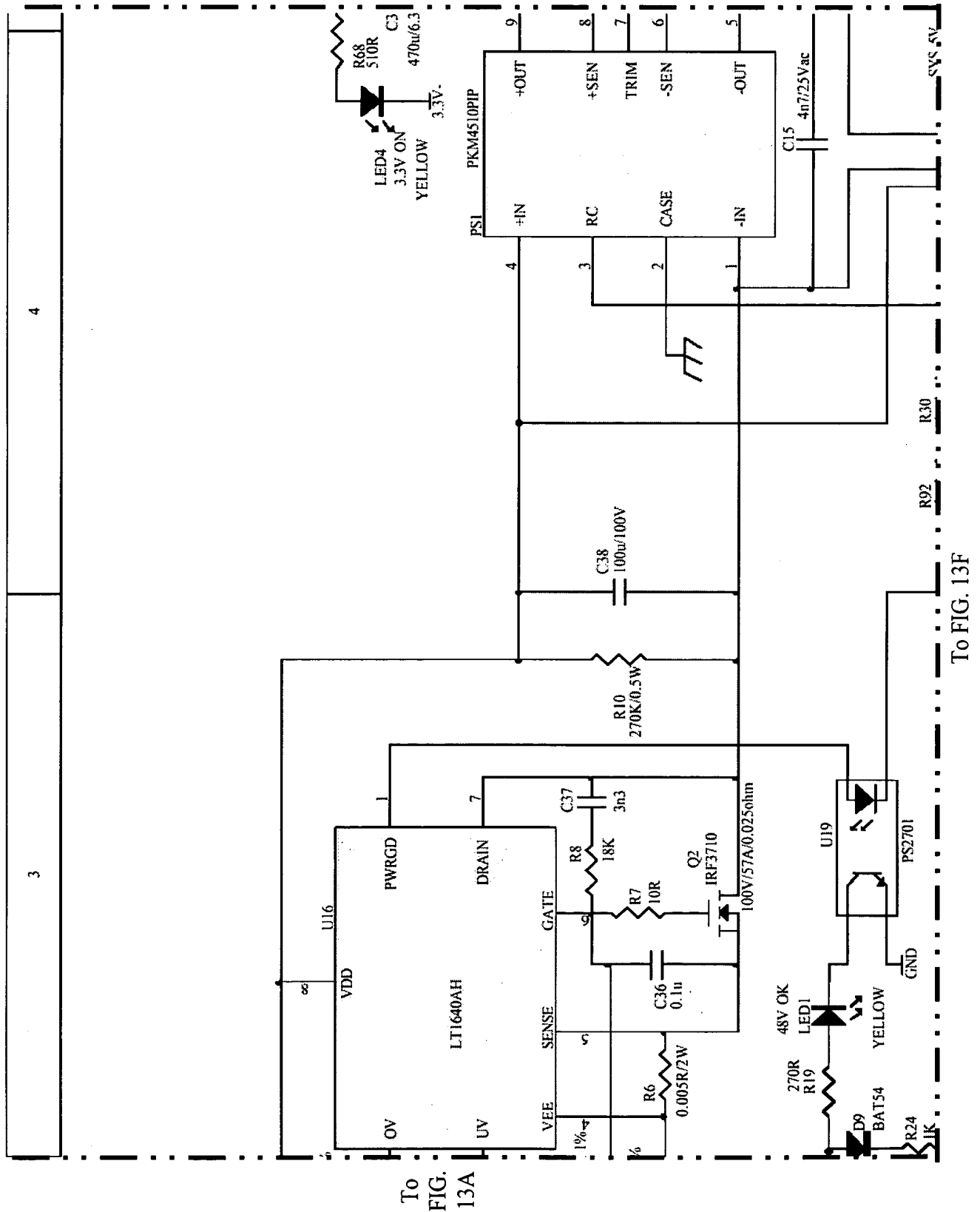
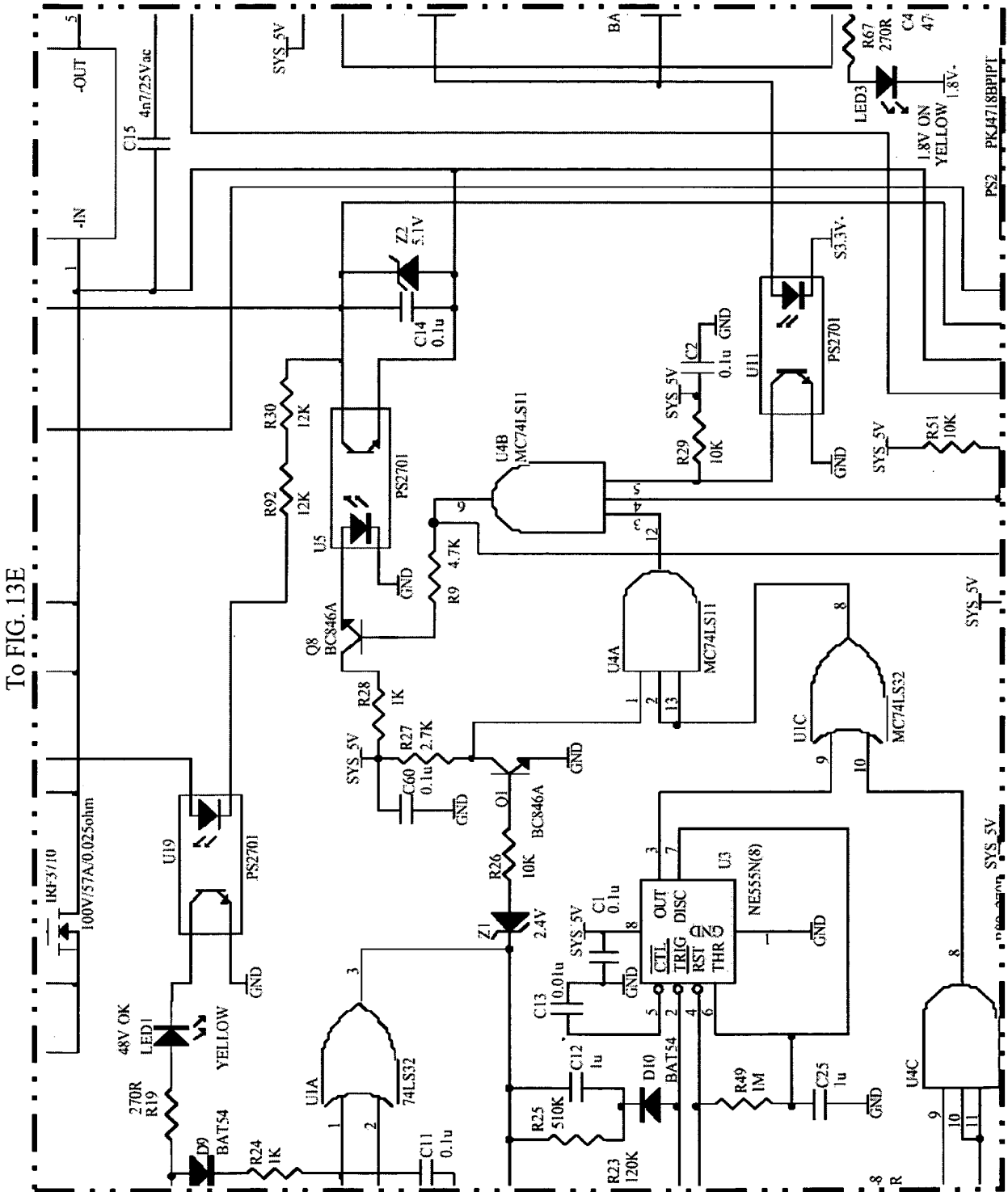


FIG. 13D



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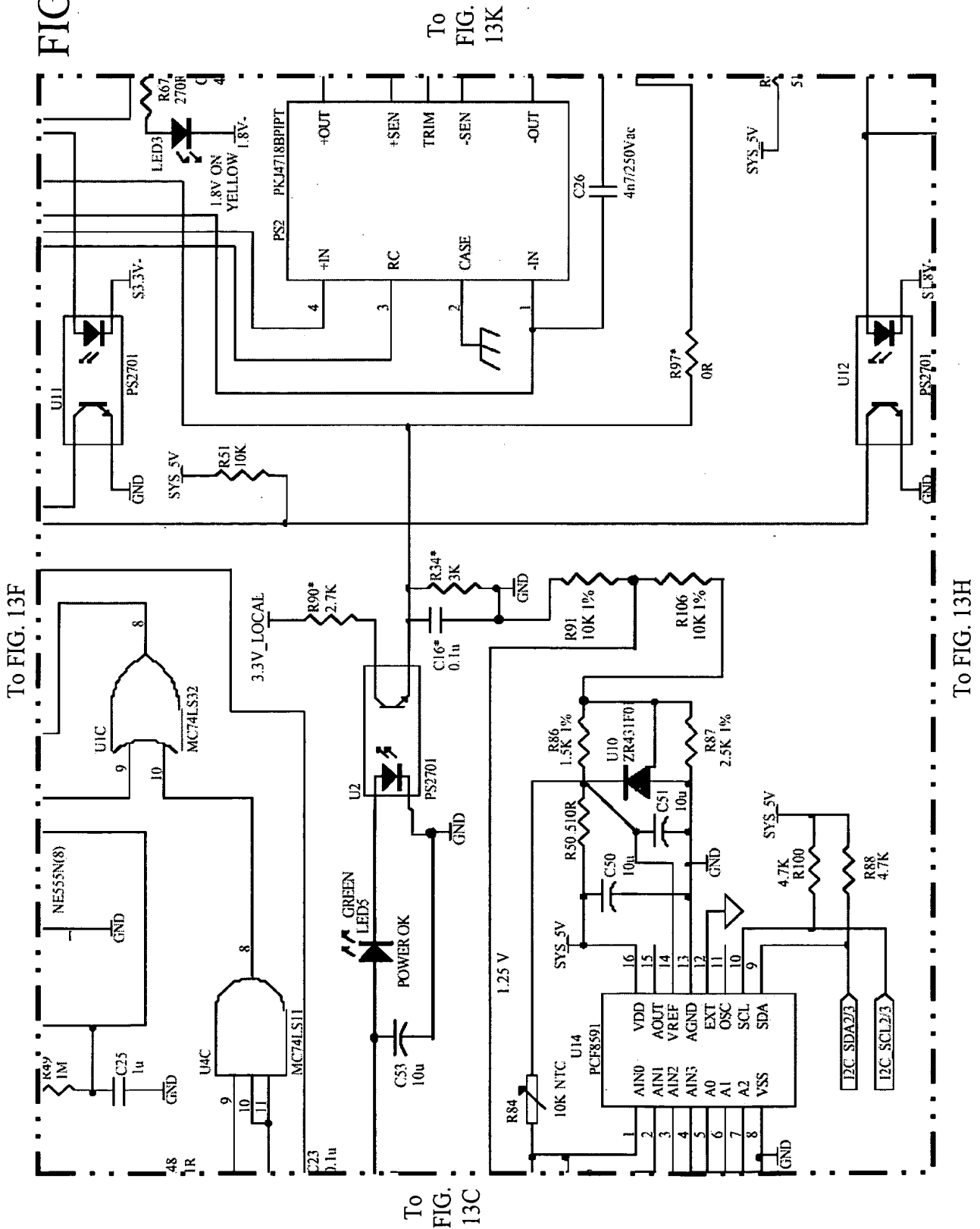
FIG. 13F



To FIG. 13B

To FIG. 13J

To FIG. 13G



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FIG. 13H

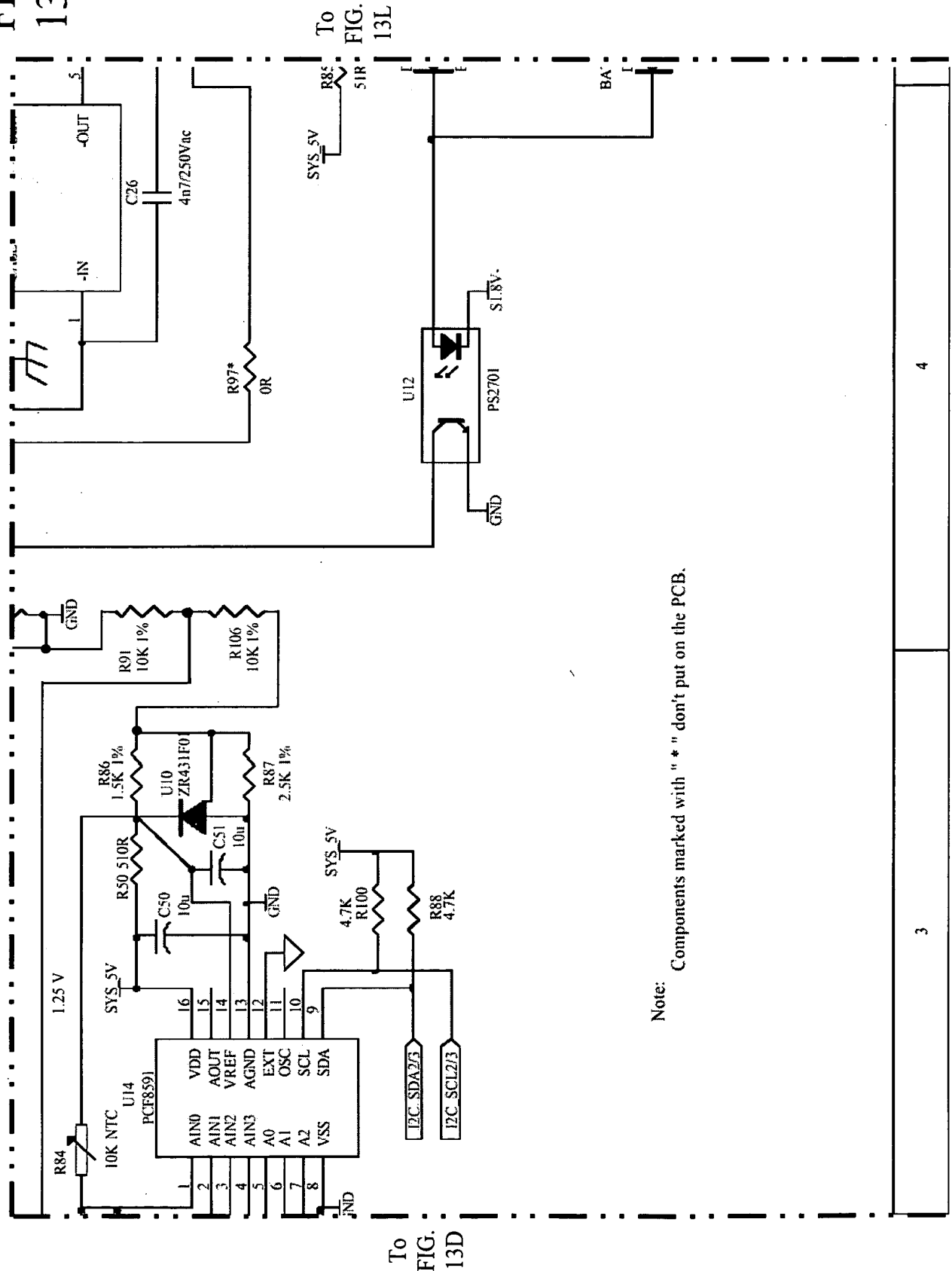
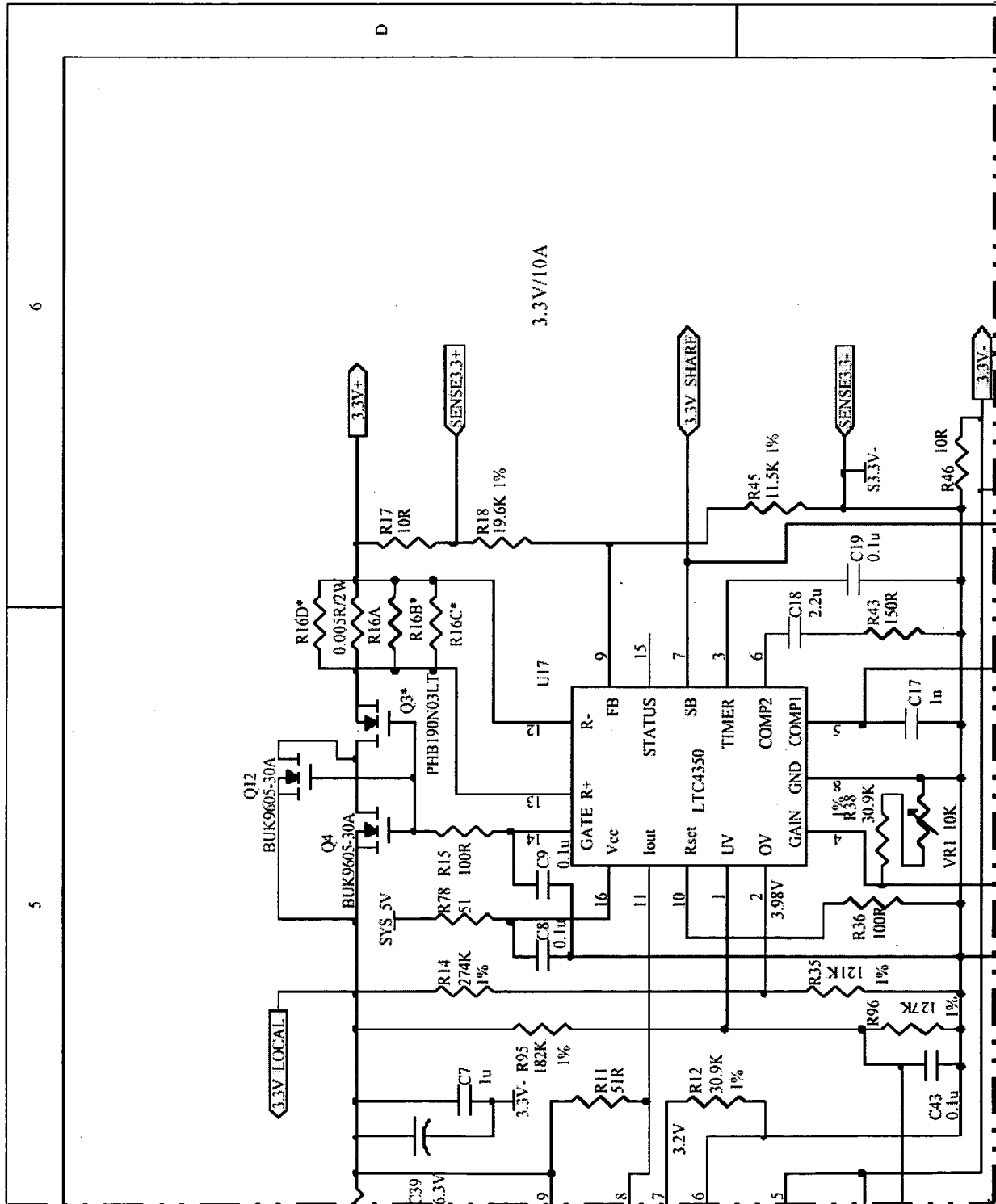


FIG. 13H

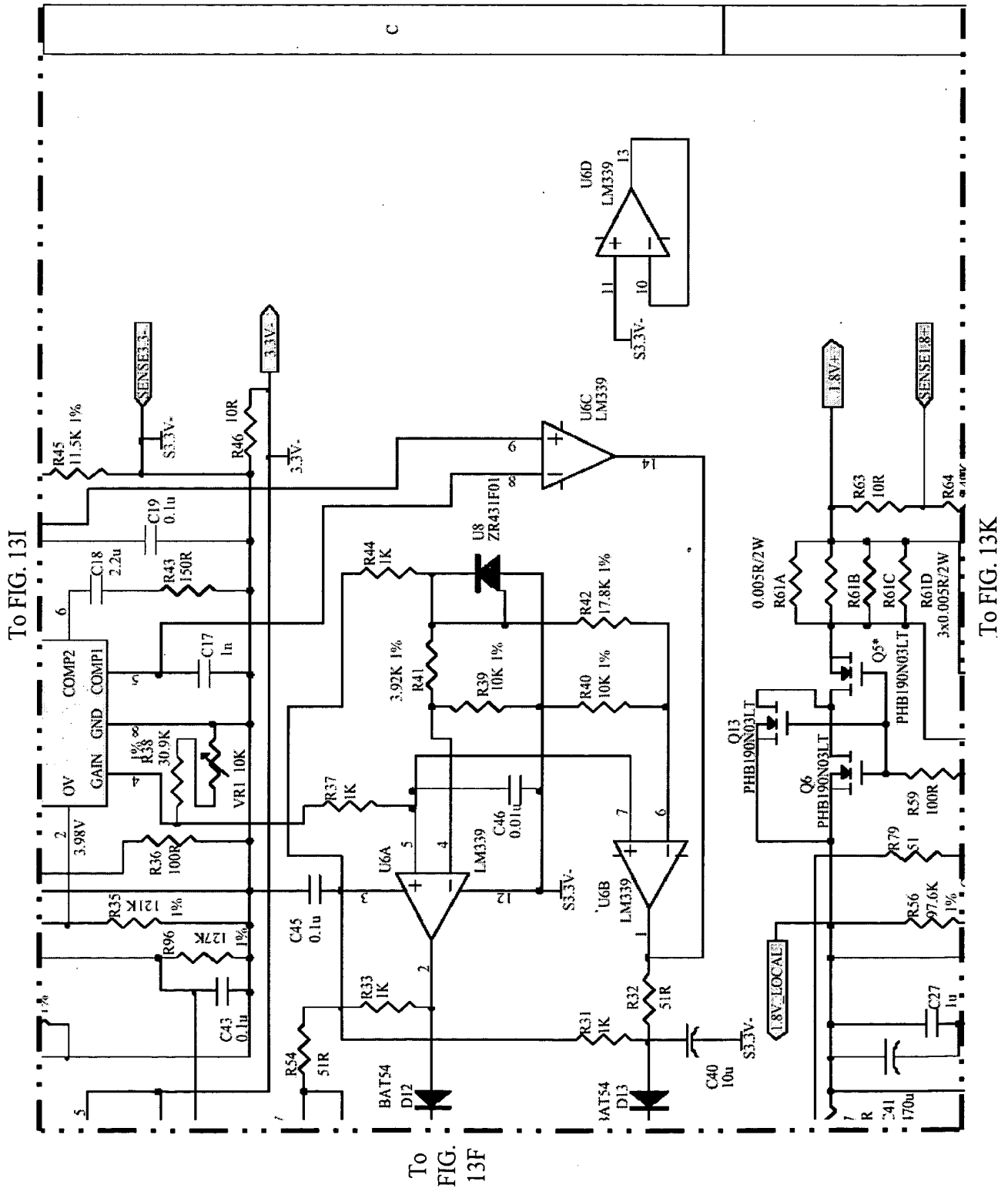
FIG. 13I

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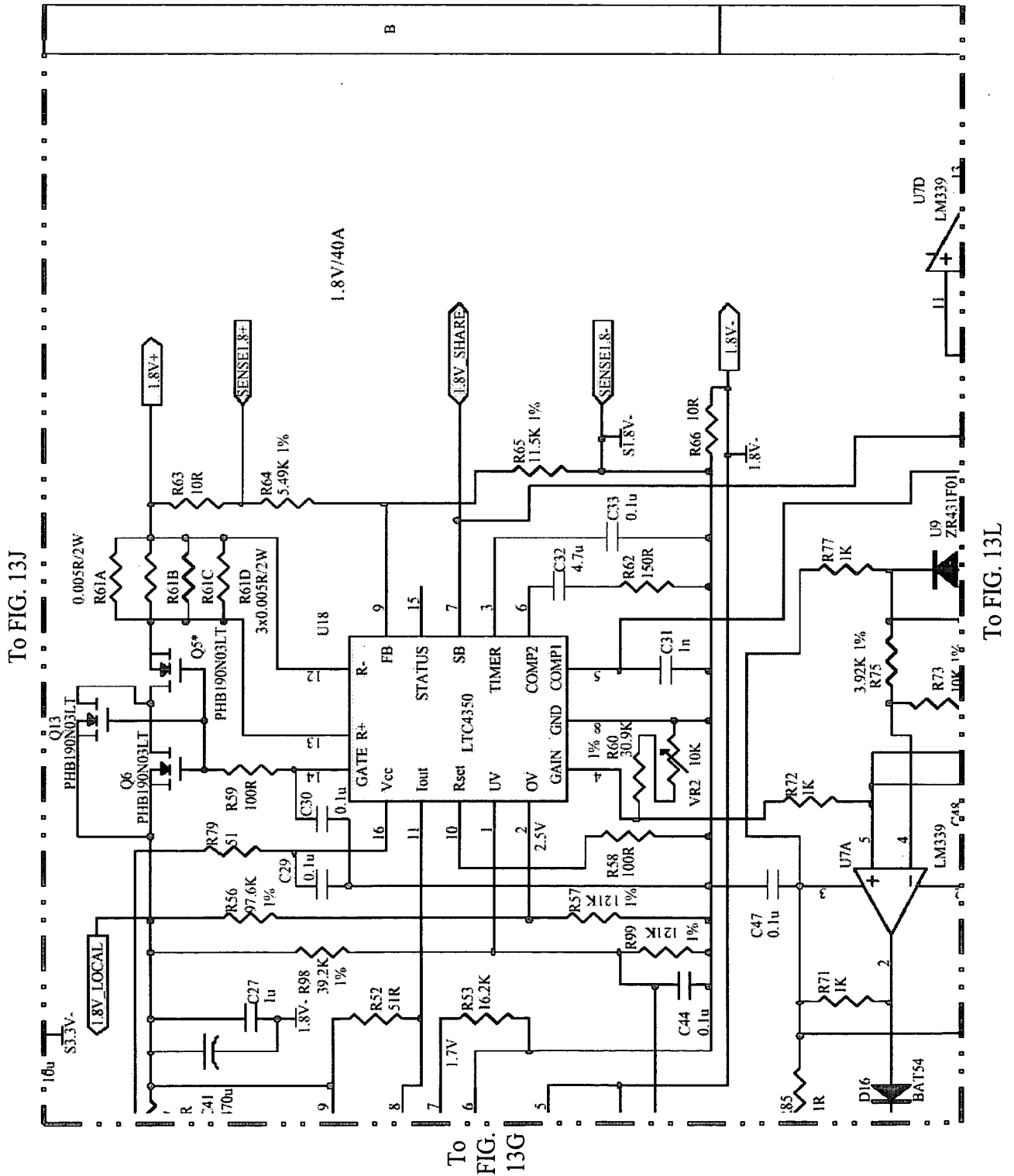
To
FIG.
13E

To FIG. 13J



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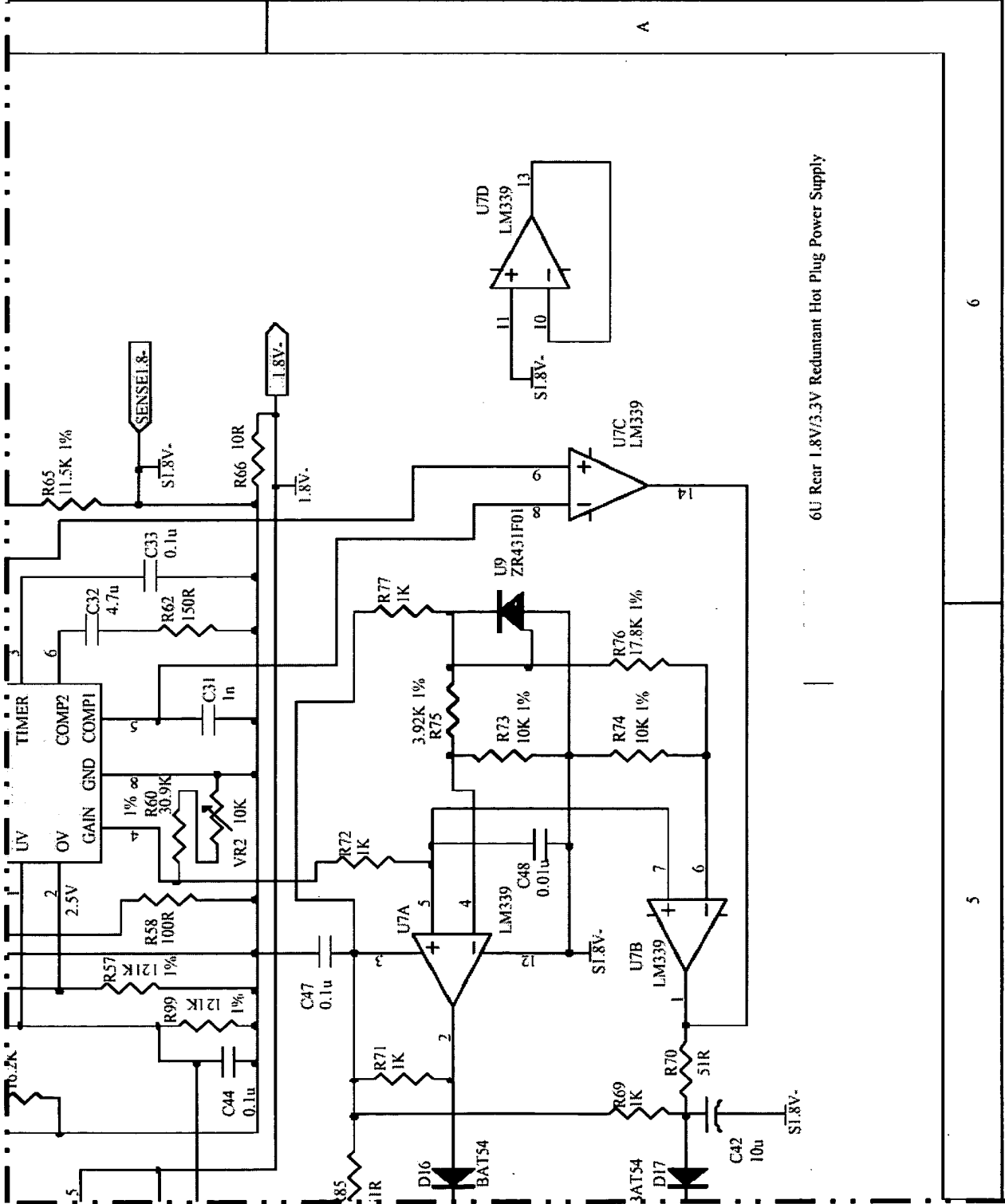
FIG.
13K



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FIG. 13L

To FIG. 13K



To FIG. 13H

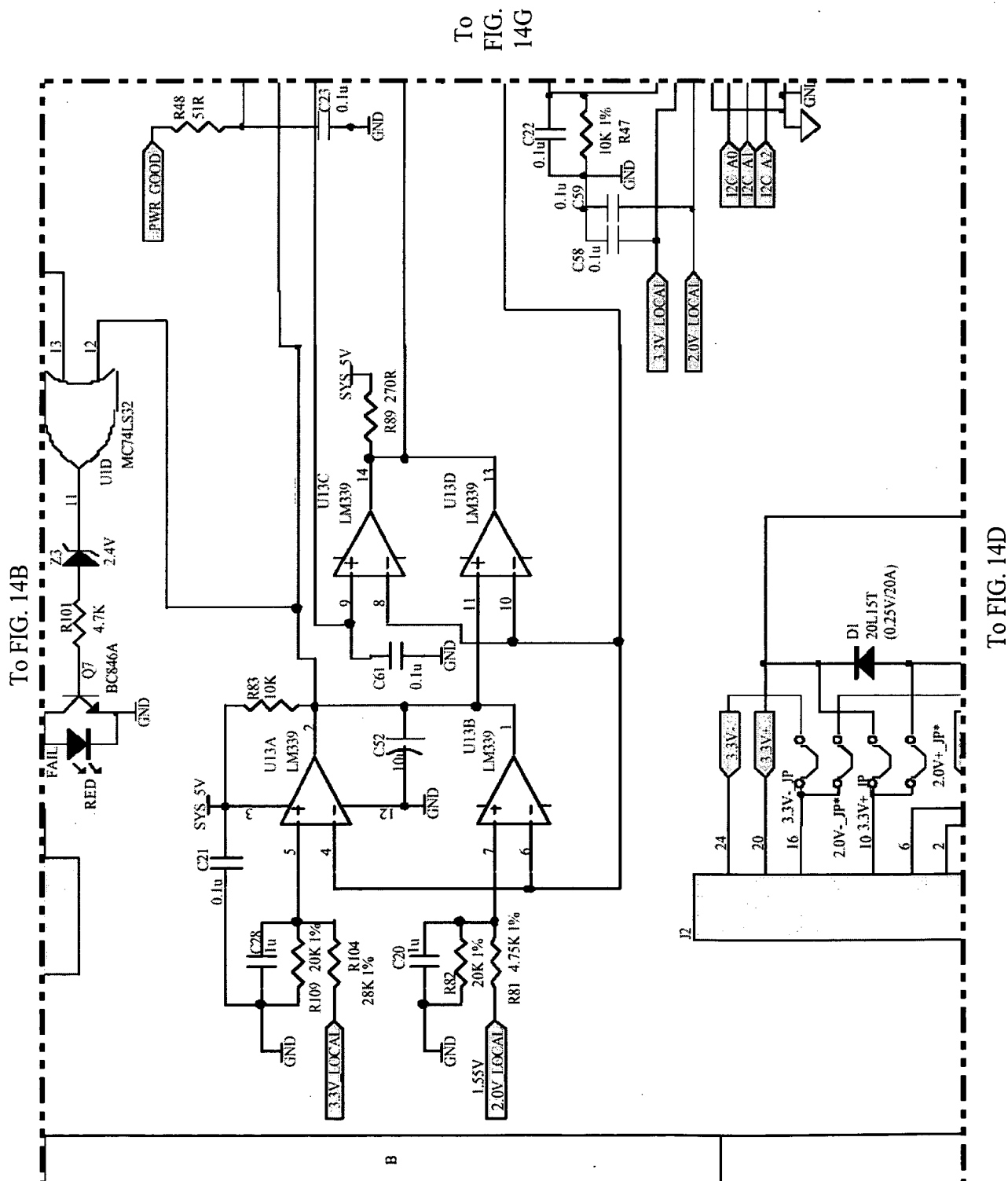


To
FIG.
14F



TO FIG. 14C

U



To
FIG.
14H

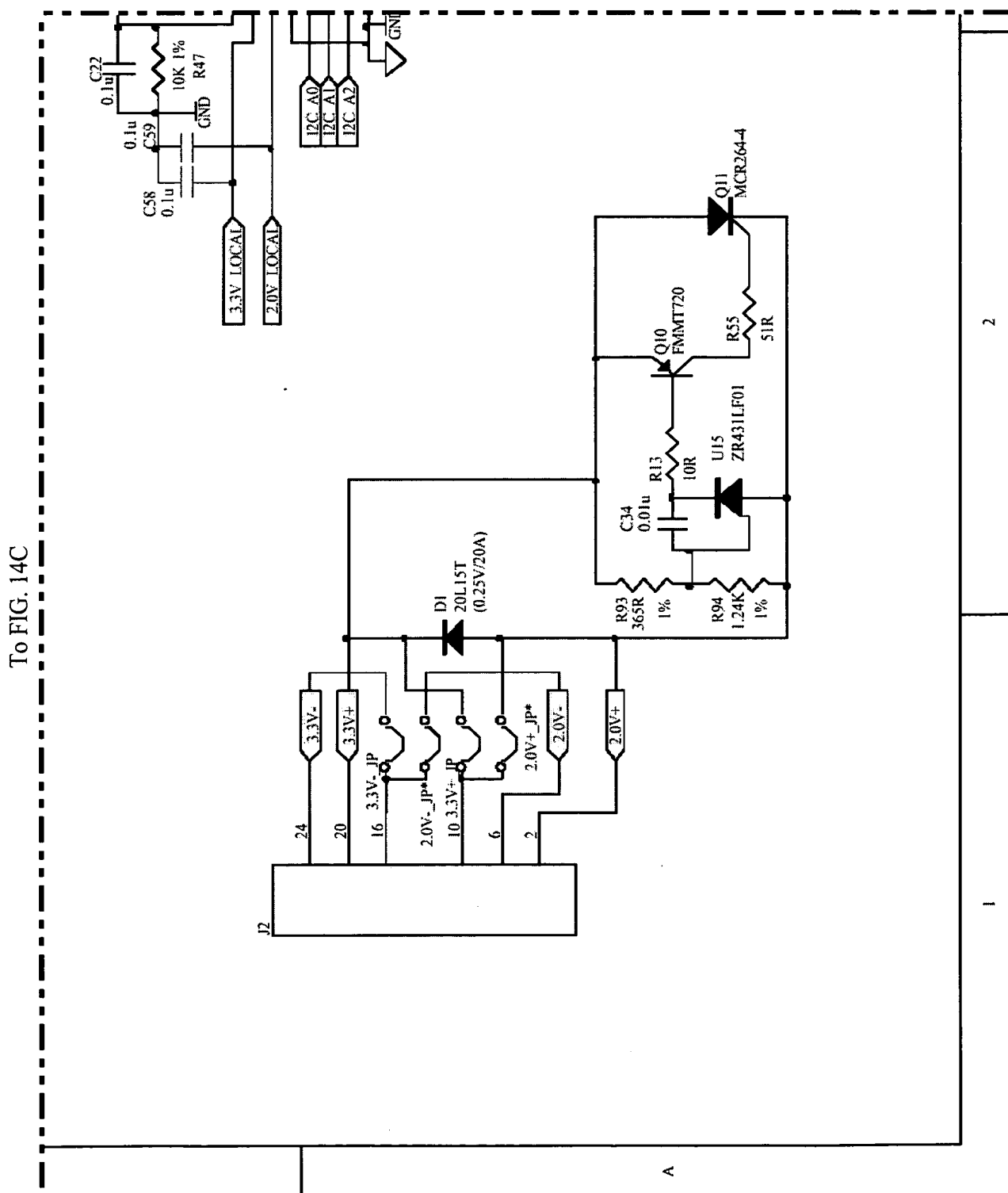
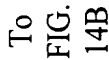


FIG. 14E



THE



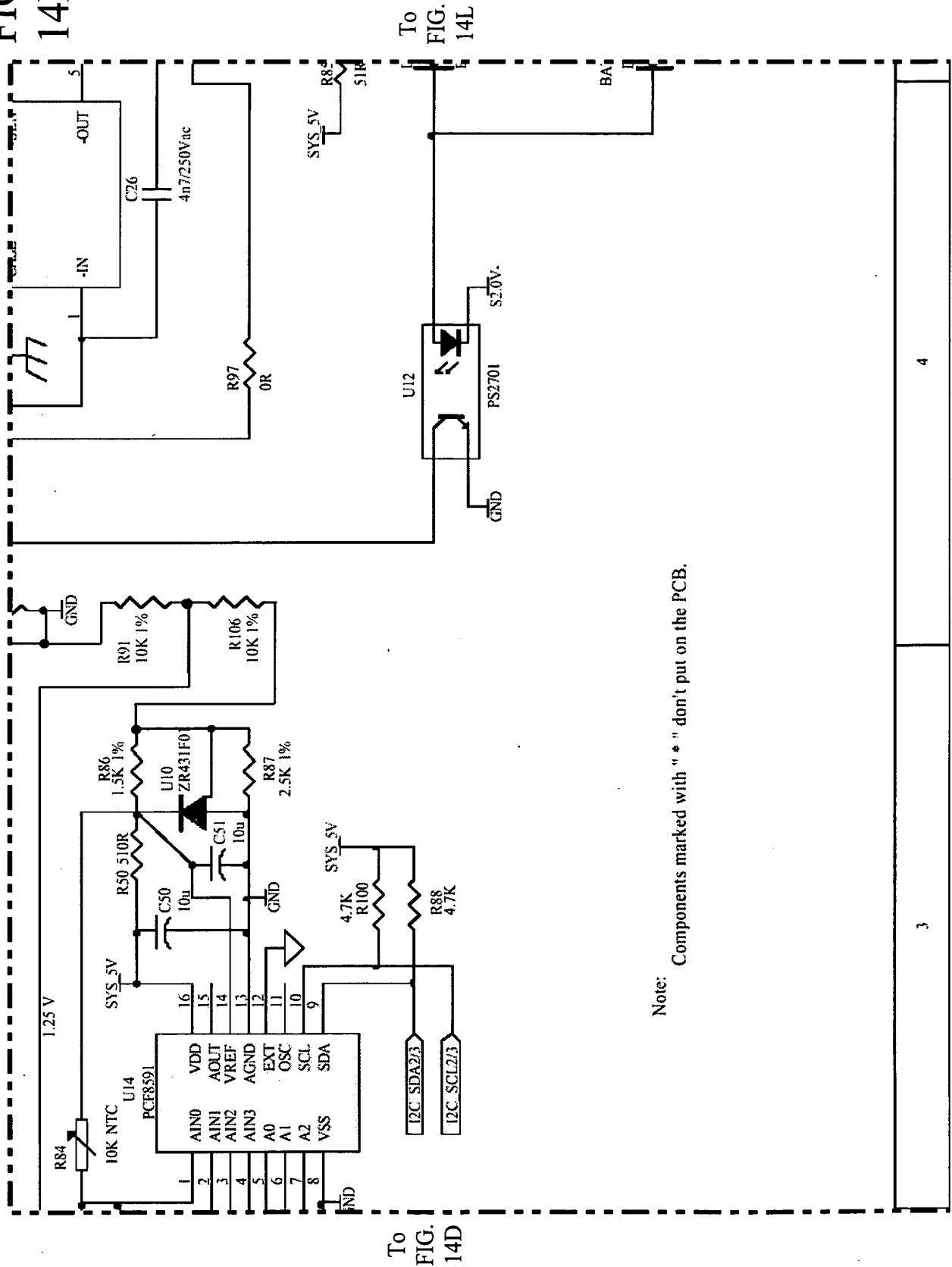
To FIG. 14G

[illegible]

To FIG. 14H

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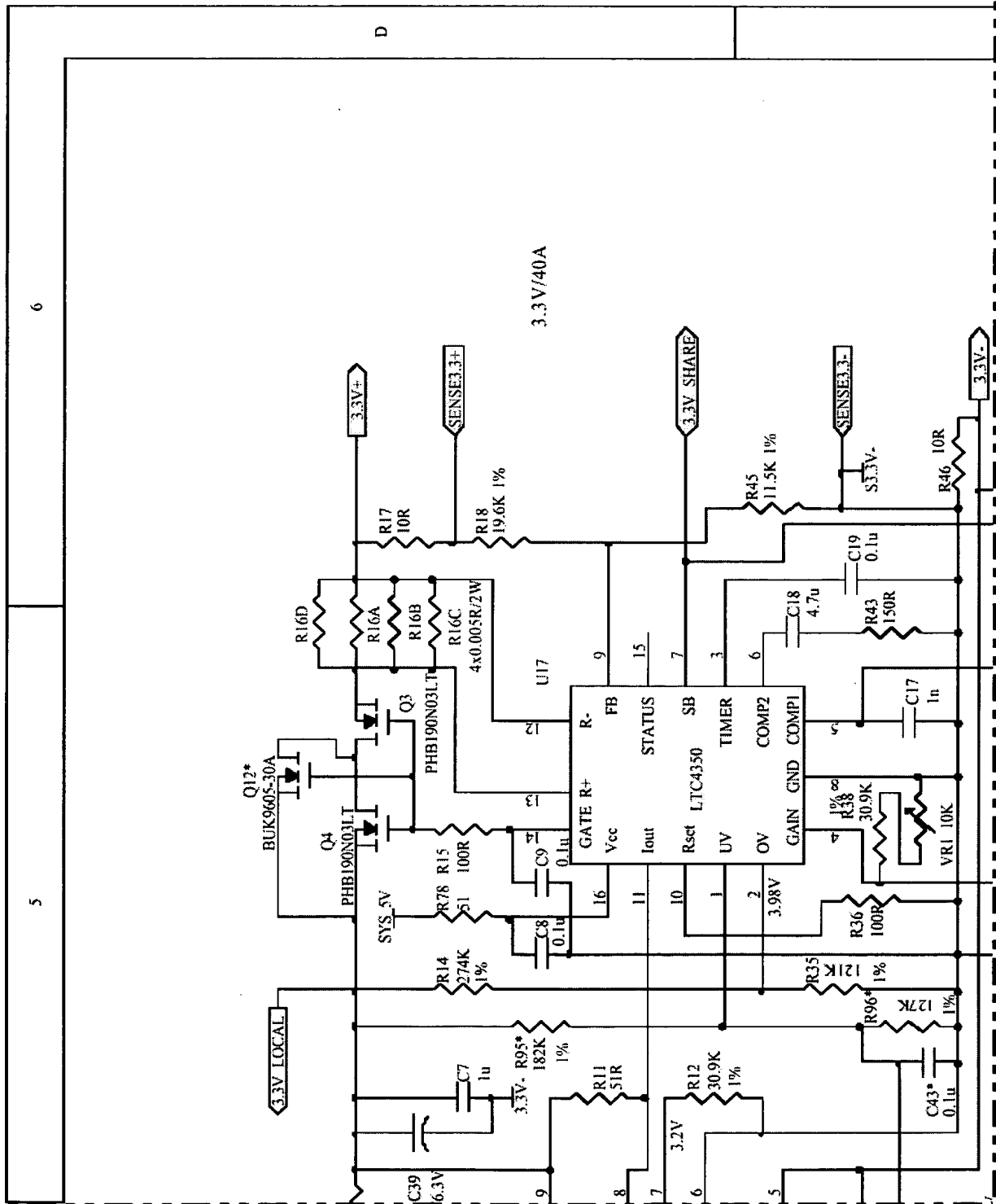
FIG. 14H



Note: Components marked with "*" don't put on the PCB.

FIG. 14I

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To
FIG.
14E

To FIG. 14J

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FIG. 14J

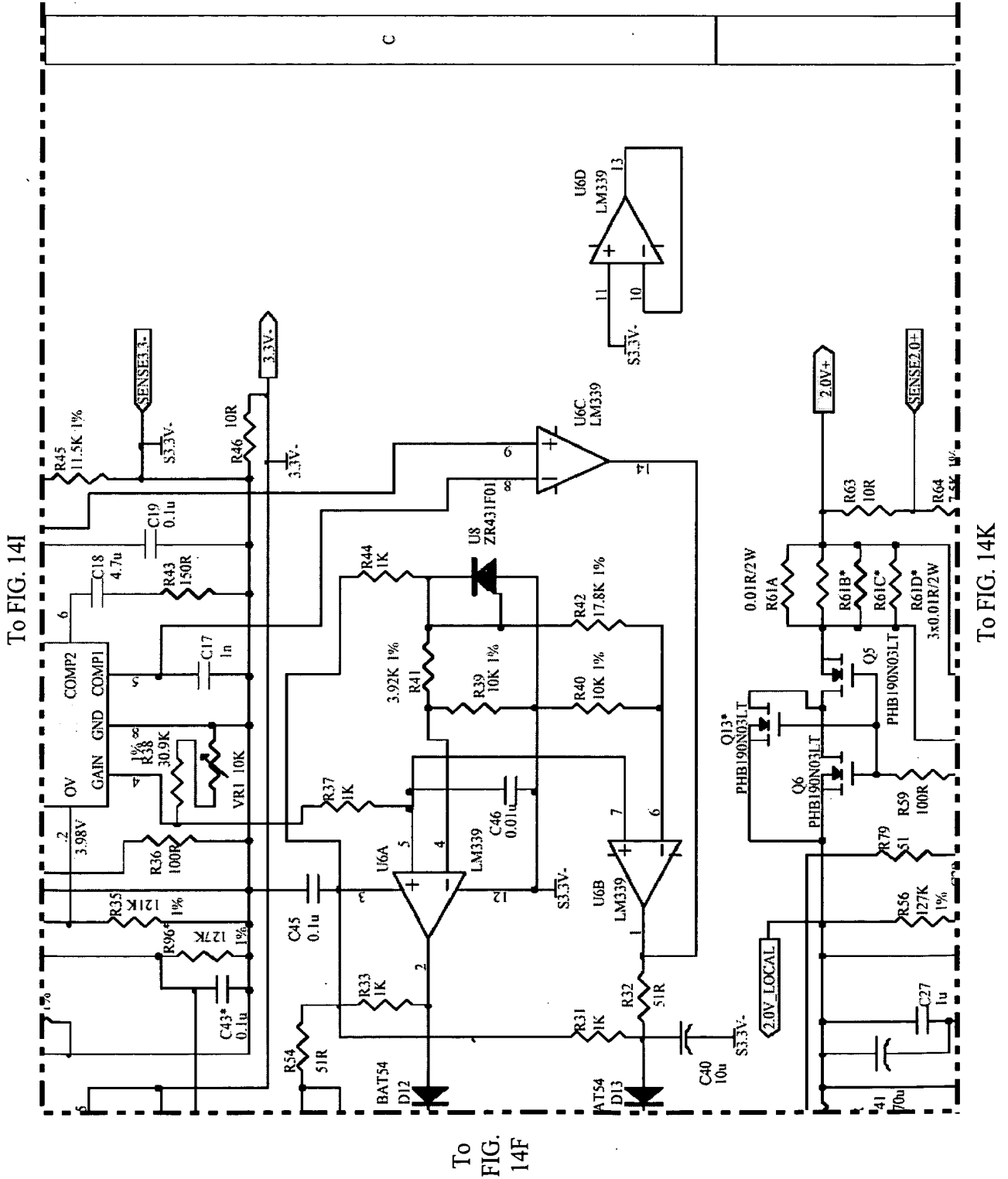
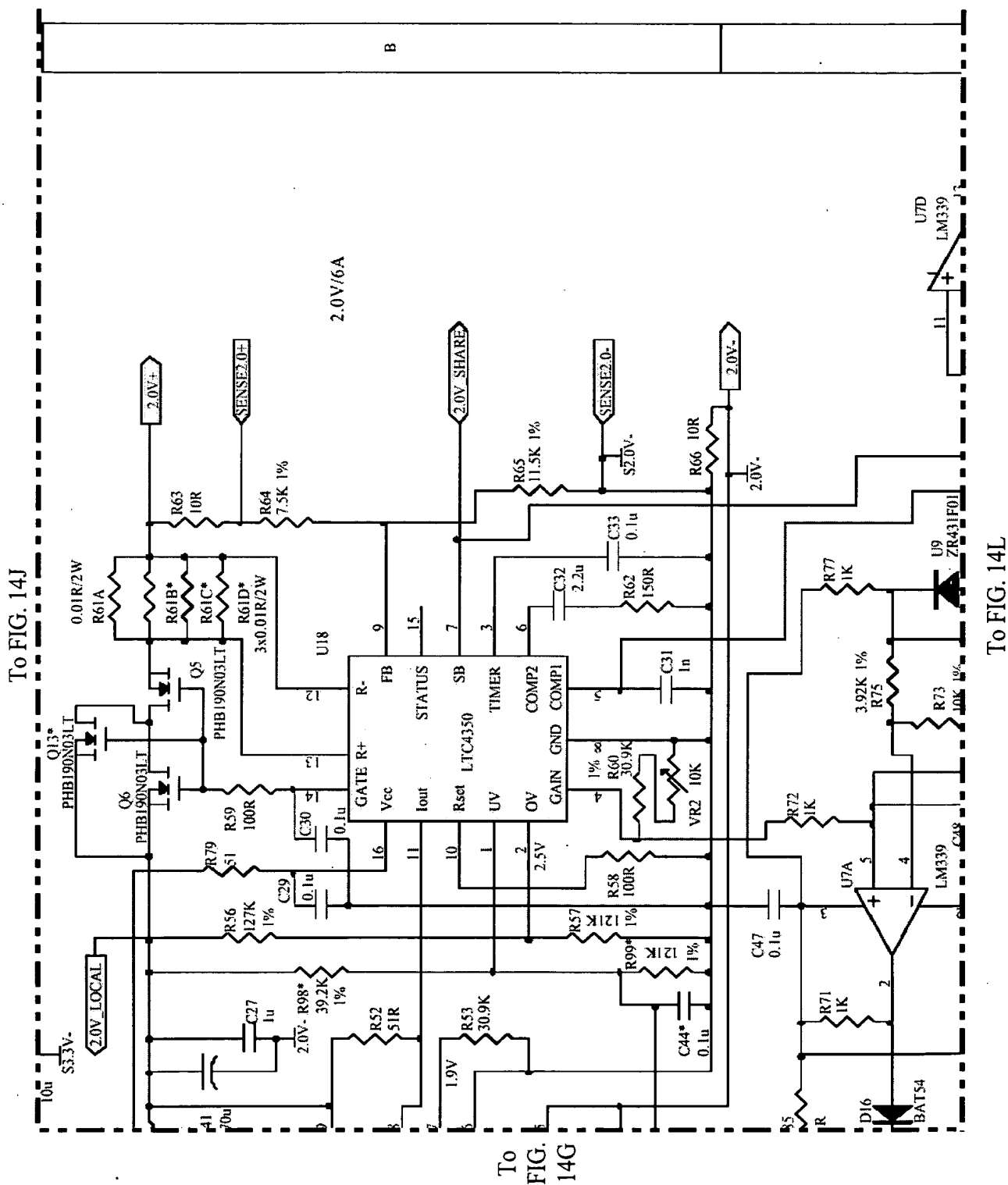


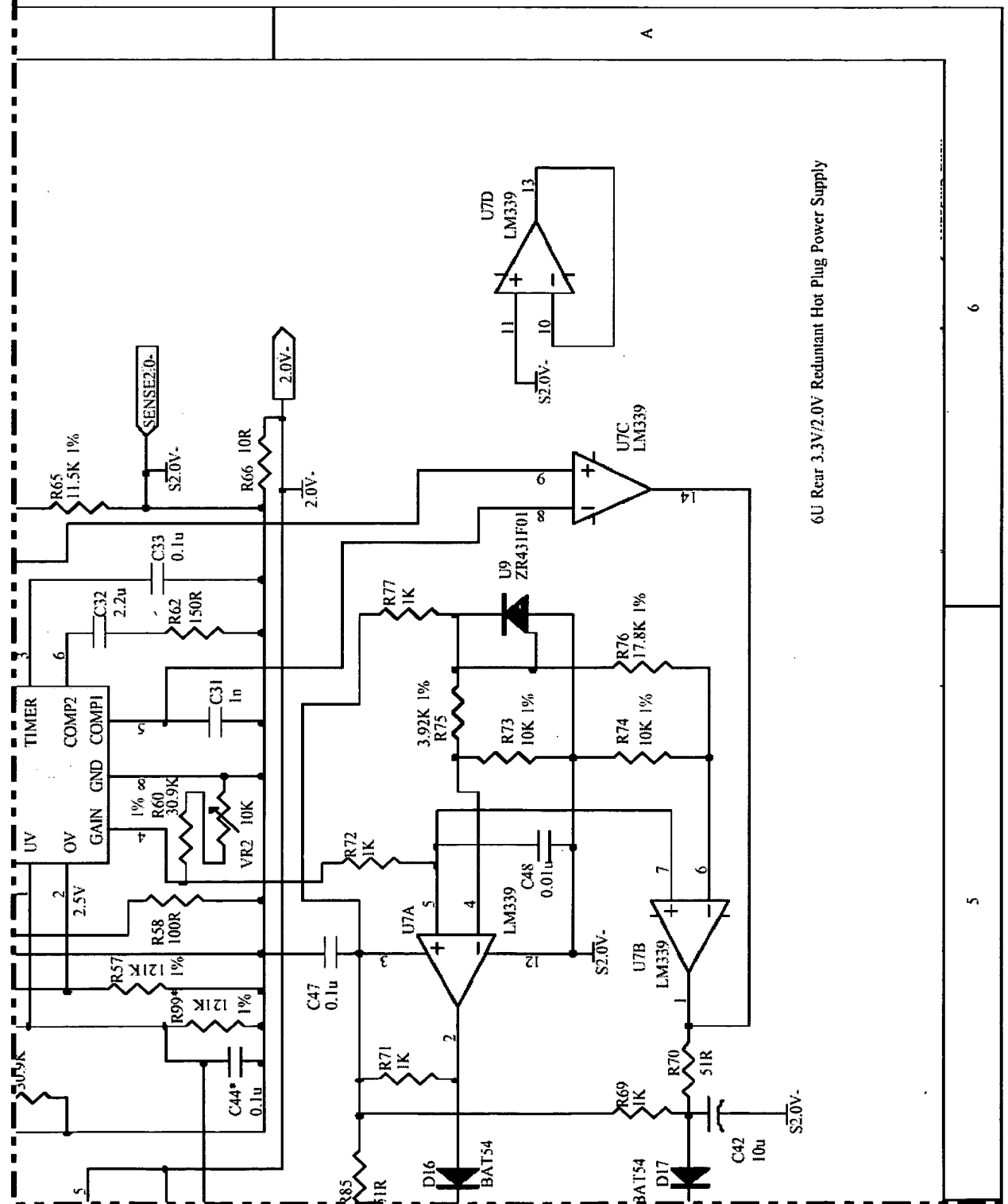
FIG. 14K



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FIG.
14L

To FIG. 14K



To
FIG.
14H

TO FIG. 14H



FIG. 15

Parameter	Value
Initial temperature	25.0 °C
Final temperature	25.0 °C
Initial pressure	1.013 bar
Final pressure	1.013 bar
Initial volume	0.001 m ³
Final volume	0.001 m ³
Initial mass	0.001 kg
Final mass	0.001 kg
Initial density	1000 kg/m ³
Final density	1000 kg/m ³
Initial viscosity	0.001 Pa·s
Final viscosity	0.001 Pa·s
Initial thermal conductivity	0.6 W/m·K
Final thermal conductivity	0.6 W/m·K
Initial specific heat capacity	4182 J/kg·K
Final specific heat capacity	4182 J/kg·K
Initial enthalpy	4182 J/kg
Final enthalpy	4182 J/kg
Initial entropy	1.306 J/kg·K
Final entropy	1.306 J/kg·K
Initial internal energy	4182 J/kg
Final internal energy	4182 J/kg
Initial Gibbs free energy	4182 J/kg
Final Gibbs free energy	4182 J/kg
Initial Helmholtz free energy	4182 J/kg
Final Helmholtz free energy	4182 J/kg
Initial chemical potential	4182 J/kg
Final chemical potential	4182 J/kg
Initial activity	1.0
Final activity	1.0
Initial fugacity	1.013 bar
Final fugacity	1.013 bar
Initial vapor pressure	0.00317 bar
Final vapor pressure	0.00317 bar
Initial saturation temperature	25.0 °C
Final saturation temperature	25.0 °C
Initial saturation pressure	0.00317 bar
Final saturation pressure	0.00317 bar
Initial saturation density	999.999 kg/m ³
Final saturation density	999.999 kg/m ³
Initial saturation viscosity	0.001 Pa·s
Final saturation viscosity	0.001 Pa·s
Initial saturation thermal conductivity	0.6 W/m·K
Final saturation thermal conductivity	0.6 W/m·K
Initial saturation specific heat capacity	4182 J/kg·K
Final saturation specific heat capacity	4182 J/kg·K
Initial saturation enthalpy	4182 J/kg
Final saturation enthalpy	4182 J/kg
Initial saturation entropy	1.306 J/kg·K
Final saturation entropy	1.306 J/kg·K
Initial saturation internal energy	4182 J/kg
Final saturation internal energy	4182 J/kg
Initial saturation Gibbs free energy	4182 J/kg
Final saturation Gibbs free energy	4182 J/kg
Initial saturation Helmholtz free energy	4182 J/kg
Final saturation Helmholtz free energy	4182 J/kg
Initial saturation chemical potential	4182 J/kg
Final saturation chemical potential	4182 J/kg
Initial saturation activity	1.0
Final saturation activity	1.0
Initial saturation fugacity	0.00317 bar
Final saturation fugacity	0.00317 bar
Initial saturation vapor pressure	0.00317 bar
Final saturation vapor pressure	0.00317 bar

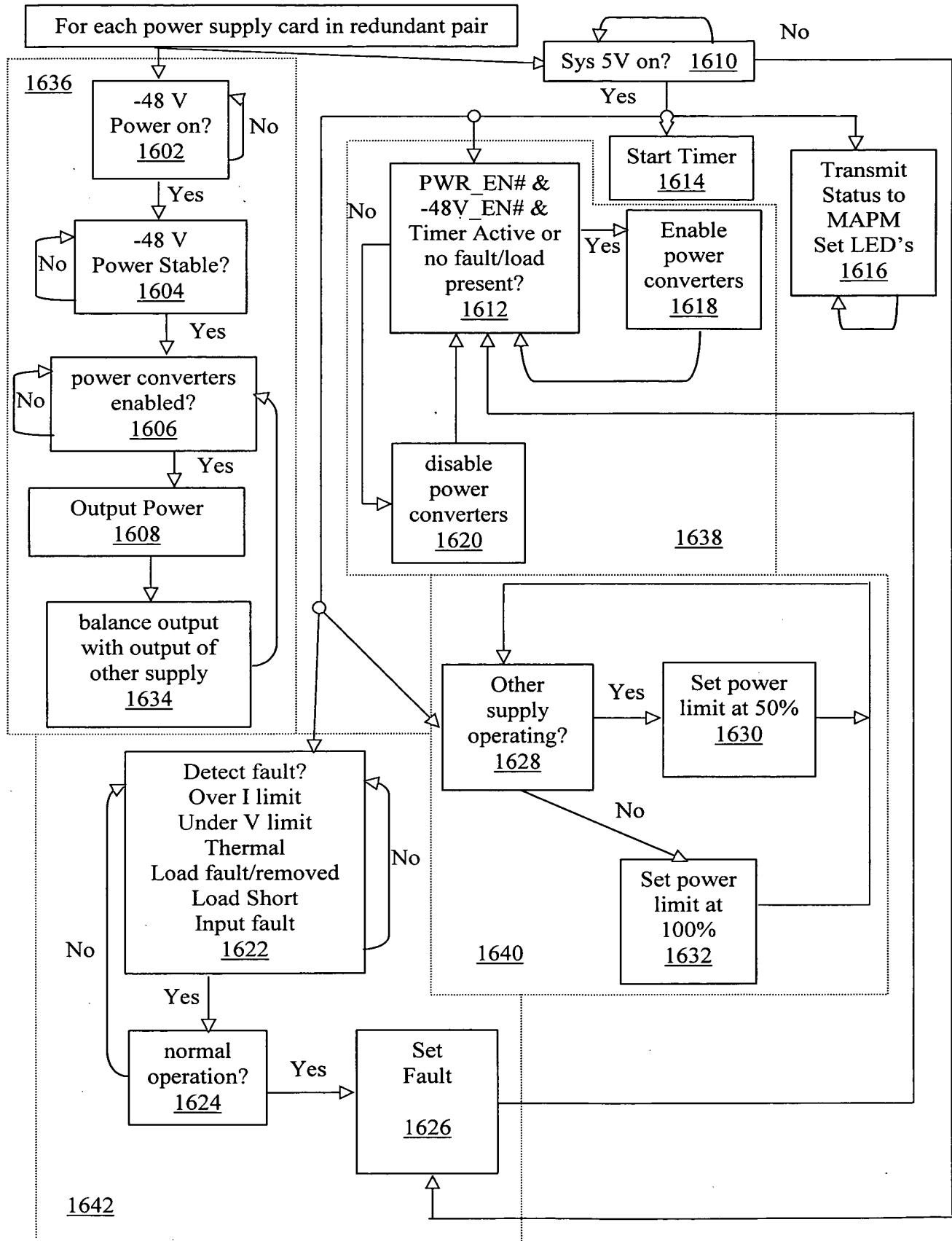


FIG. 16